

The Pacific Telephone Magazine



Vol. XVII

JULY, 1923

No. 1

THE PACIFIC TELEPHONE AND TELEGRAPH COMPANY

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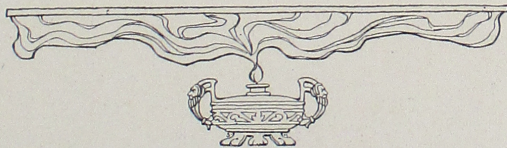


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A WELCOME, DISTINGUISHED VISITOR NOW WITHIN OUR GATES

Warren G. Harding, President of the United States of America, is now on a Western tour of our country, and will visit Alaska and the states bordering on the Pacific.

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Catalina Island, Off the California Coast, Connected to Mainland by Cable

For some time it has been evident that in order to meet the increasing demands for telephone service between Catalina Island and the mainland, additional facilities would soon be necessary. As a result of a study which was made to determine the best method of accomplishing this, it was decided to lay two submarine cables across the channel.

The manufacture of these cables was undertaken by the Western Electric Company, and although these were the first commercial cables of this type which they had made, the work was successfully completed in ample time. Many interesting things could doubtless be told concerning the design and manufacture of this cable, but they are beyond the scope of this paper.

As most of our readers know, Catalina lies about twenty-five miles off the coast

of Southern California and about opposite San Pedro. Avalon, the only town on the island, is located near the south-east end. The position of the important points, together with the approximate locations of the two cables, are shown on Figure 1. Avalon was selected as the logical landing point on the island, as this rendered the use of aerial line connections unnecessary. At the San Pedro end the shore at the base of the breakwater was selected as the best point to land the cables. The water in the cove formed by the shore and the breakwater is comparatively quiet, and at this point a small sandy beach has been formed. At all other points in the neighborhood of Point Fermin the shore is very rocky and steep and the water quite rough. The distance between Point Fermin and Avalon is about twenty-three nautical miles

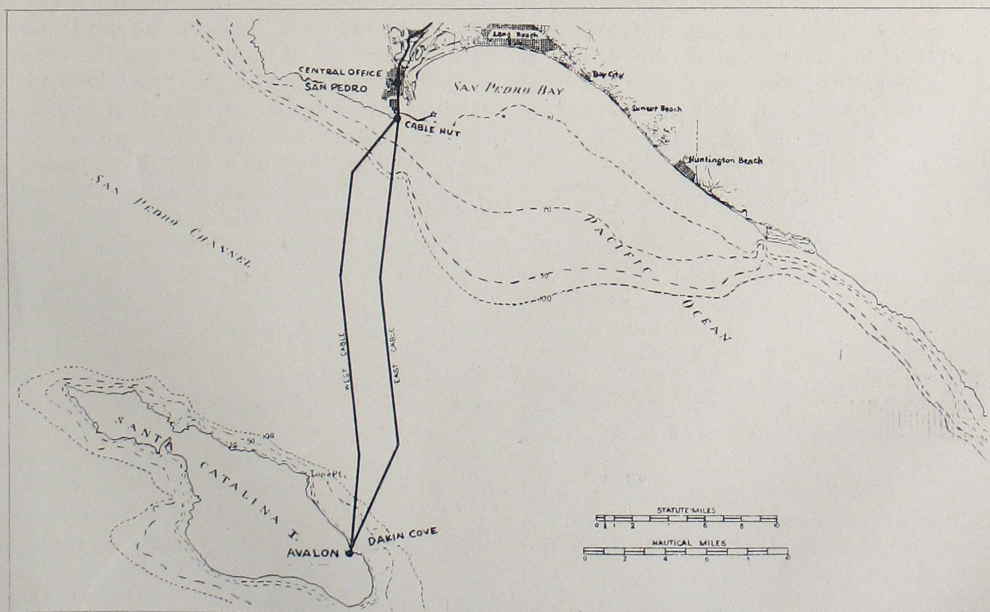


FIGURE 1—THE LOCATION OF SANTA CATALINA ISLAND

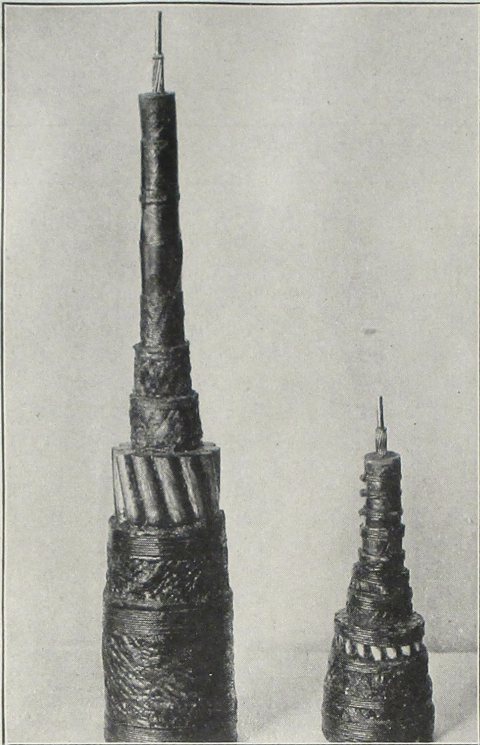


FIGURE 2 SHOWS THE DETAILS OF THE NEW CABLE

(6087 feet). Near the center of the channel the water is slightly over 3000 feet in depth. As may be seen from Figure 1, the cables were laid about two miles apart for the majority of the distance. This separation was maintained so that both cables would not be damaged by the same cause and also to make it much easier to pick up one cable, in case trouble should develop, without disturbing the other.

At the San Pedro end the cables terminate in a small concrete hut. At the Avalon end they are carried in wooden ducts from the shore to the new central office, a distance of about 800 feet, and terminated there. At both ends the cables are secured by means of chains to large concrete anchors provided for the purpose.

The cables themselves are of the usual deep-sea type. Such a cable provides but a single physical circuit, formed by the central conductor as one side and the sea water, armor wires, and, in these cables, a group of copper tapes, all in parallel, as the other side.

A lead-sheath paper-insulated cable such as is used on land and in shallow water would be unsuitable for this work. Even though such a cable were made small enough so as not to break when being laid in water as deep as 3000 feet, the tremendous hydrostatic pressure—about fifteen hundred pounds per square inch—existing at that depth would deform and rupture the lead sheath, allowing the water to penetrate to the insulation and ruin it.

The details of construction of these cables are shown in Figure 2. Three different types of armoring were used—namely, shore end, intermediate, and deep sea. The shore-end type is used in water having a depth of less than 600 feet. In the shallow water near shore the cable is most likely to be injured by anchors or by chafing at the bottom due to tide or wave movement. For this reason large armor wires are used. In water having a depth of 1800 feet or more the deep-sea type of armoring is employed. At this depth trouble from anchors or abrasion is much less likely to occur, but a very light and strong cable is required, so that it can be laid without breaking. In this type the armor is composed of small wires having a very high tensile strength. The intermediate type of cable is used in water having a depth between 600 and 1800 feet. As its name implies, it is intermediate in type between the other two. It is armored with medium size wires, which give greater mechanical protection than do those used for the deep-sea type, and at the same time the cable is lighter and more easily handled than is the shore end. In addition to the types described, the core of the cable at the extreme ends is covered with a lead sheath. This sheath protects the rubber at the ends from the light and air where it is not submerged and from any damage which might occur in case the water near the shore should in time become polluted.

On completion, the cables were shipped from Hawthorne to San Pedro coiled down in twelve gondola cars. Sawdust was packed around and over them, and this was wet down daily so as to keep the cables cool. On arrival at San Pedro the cars were arranged in proper order and the splices between the shore

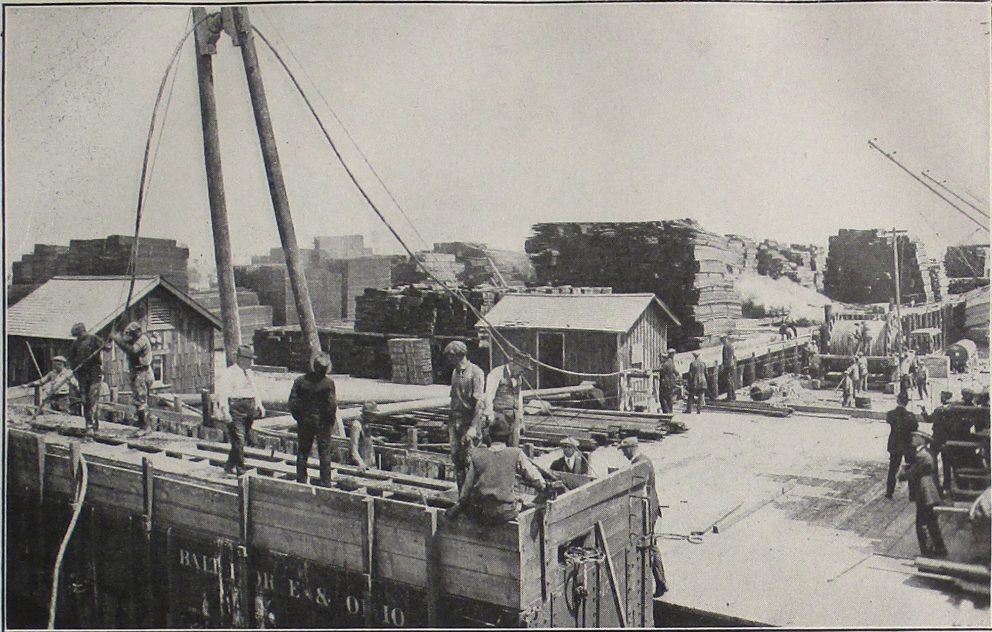


FIGURE 3—LOADING THE CABLE ON THE BARGE WAS NO SMALL TASK

end and intermediate, and between the intermediate and deep-sea sections, for the San Pedro ends of both cables were made while the cable was still in the cars.

The first part of the cable to be laid was the shore end at Avalon. This was done from a barge equipped with a large power-driven reel upon which the cable

was first wound. In transferring the cable from the cars to the barge, and also to the ship, it was first passed over a pulley fastened near the top of a derrick placed over the cars. In this way the cable could be uncoiled from the cars without danger of kinking. Figure 3 shows the cable being loaded on the barge. At the Avalon end the barge was anchored near

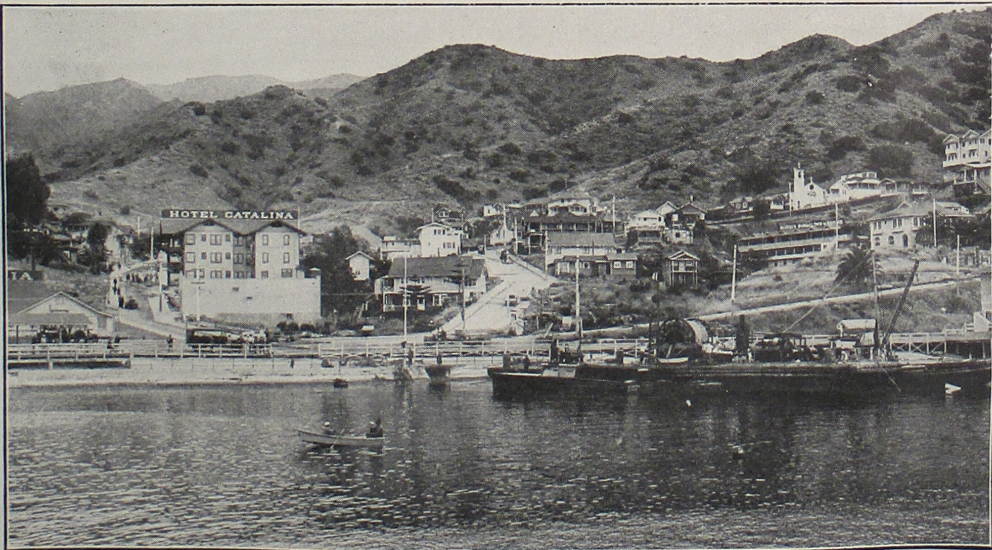


FIGURE 4—THE AVALON SHORE END OF THE CABLE WAS LAID FROM THE BARGE

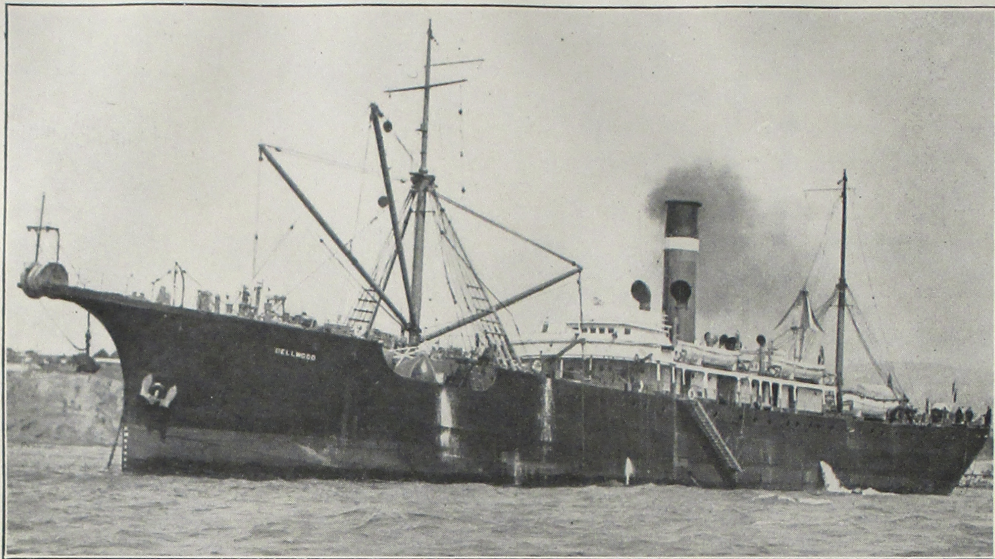


FIGURE 5—THE GOVERNMENT CABLE SHIP "DELLWOOD"

the shore and the end of the cable made fast to a wire rope passing up through the duct to the office manhole and there fastened to a tractor. The cable was then unwound from the reel and pulled up through the conduit and into the office by means of the tractor. As soon as the end was in the office a tug was made fast to the barge, the anchor let go, and the barge towed out to sea, the cable being unwound from the reel and passing over the stern sheave. Prior to laying the shore ends marker buoys had been placed to indicate approximately the location of

the ends of the shore-end sections. When all the cable had been laid out the end was fastened to a long rope and lowered overboard. To the other end of the rope was fastened a buoy which was to be picked up later by the cable ship when the final splice was made. Figure 4 shows the barge in the process of laying the shore ends at Avalon. The main portion of the cable was laid by the government cable ship *Dellwood*, shown in Figure 5. This ship, which has a length of 330 feet, is well equipped with cable-handling equipment. Some of this is shown in Figure 6. At the bow and stern are large sheaves over which the cable passes when laying. Large power-driven drums equipped with heavy brakes are also provided for laying out or picking up the cable. Within the ship are five large cylindrical tanks, having a combined capacity of over a thousand miles of cable such as this. Figure 7 shows the cable being placed in one of these. Dynamometers are also provided which indicate at all times the tension on the cable while it is being laid. Among the other things of interest on the *Dellwood* was her cable crew of Philipinos. These men showed themselves unusually active and capable in performing the many difficult and often hazardous operations. Another thing which will not be soon forgotten was the very cordial and

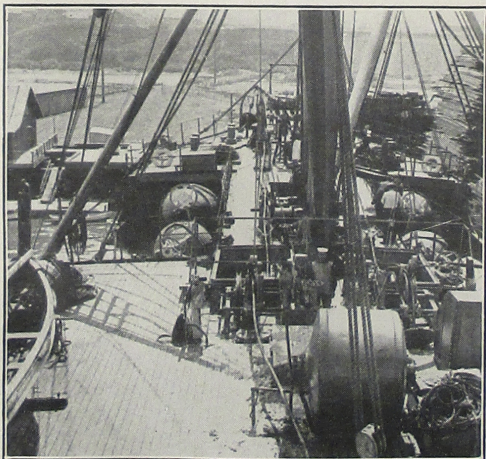


FIGURE 6—THE "DELLWOOD" HAS A MASS OF CABLE LAYING EQUIPMENT



courteous treatment accorded to all of us by those on board the *Dellwood*. The cooperation of the officers and men of the *Dellwood* and their technical knowledge was of tremendous importance in the successful outcome of this particular job.

In laying, the ship was first anchored about half a mile off shore opposite the cable hut and the end of the cable pulled ashore with the aid of the barge, tug, and other small craft. As soon as the shore end had been made fast at the hut the ship started on its course, laying out first the shore end, then the intermediate, and finally the deep-sea cable, all of which had previously been spliced together. On reaching the 1800-foot depth at the Avalon side, the ship was stopped, the remainder of the deep-sea cable cut off, and the end spliced to the intermediate type. Laying was then resumed until the buoy fastened to the short end was reached. The ship was again stopped, the buoy and rope taken aboard, and the end of the cable previously laid was hoisted on board. The intermediate cable was then cut and spliced to the shore end, after which the completed cable was dropped overboard. Both cables were laid in essentially the same manner.

As soon as the San Pedro end of the cable had been brought into the hut connection was made with the balance of the circuit. This consisted of conductors in an aerial cable between the cable hut and the San Pedro central office, and circuits in the toll cable between San Pedro and Los Angeles. Telephone repeaters were provided at the San Pedro office. At the cable hut, suitable inequality ratio transformers for connecting the grounded submarine cable circuit to the metallic aerial cable were installed. Composite equipment was also provided at the hut to transfer the Morse from the submarine cable to another conductor in the aerial cable. As all of these facilities had been provided in advance, it was possible to communicate between the ship and shore points as soon as connection was established at the hut. While the ship was under way laying the cable a number of conversations were held between company officials on board the boat and persons at points in and around Los Angeles and San Francisco. As soon as the final core splice was made communication was established between Avalon and Los Angeles, and two hours after the final splice was completed a conversation was



FIGURE 7—IN THE HOLD OF THE "DELLWOOD" ARE FIVE LARGE CYLINDRICAL CABLE TANKS WITH A CAPACITY OF OVER A THOUSAND MILES OF CABLE



held with American Telephone and Telegraph Company officials in New York. The first cable was placed in commercial operation at 10 o'clock June 14 and the second one at 6:30 p. m. on the following day.

At present each cable now provides one d.c. telegraph and one voice frequency telephone circuit. Both of these are arranged as Avalon-Los Angeles circuits. Telephone repeaters at San Pedro make it possible to operate the circuits at practically any desired equivalent. At present they are operating with a transmission equivalent of about ten miles of standard cable. At Los Angeles the circuits are arranged for use with cord circuit repeaters when calls to distant points are desired. One of the first commercial calls was between Mr. Renton of the Santa Catalina Island Company at Avalon and Mr. Wrigley at Chicago. Both gentlemen expressed themselves as highly pleased with the quality of the new circuit.

As two telephone circuits will soon be unable to handle the traffic requirements, plans are now being made to equip one of the cables with a carrier telephone system, and these circuits should be suffi-

cient for Avalon requirements for a number of years.

Although not imposing as regards total length or depth of water encountered, this cable will be watched with great interest, as it marks an important step forward in the development of submarine cable manufacture in this country.

Among those present at the laying of the cable were C. W. Burkett, chief engineer; D. P. Fullerton, general superintendent of plant; and I. F. Dix, division superintendent of plant. Space forbids the mention of all those of our own company whose combined efforts made the success of the undertaking possible. Mention must be made, however, of O. R. Cole of the San Francisco general office, who planned and directed the work of laying the cable and was primarily responsible for its successful outcome, and also of Harry Van Konsky, his able assistant. In addition to those of our own organization, there were present the following men from the East who were most actively engaged in the design and manufacture of the cable: A. L. Richey of the American Telephone and Telegraph Company, and Messrs. Williams, Redding, Hart, Weeks, Duclow, Malm, and Kemp of the Western Electric Company.

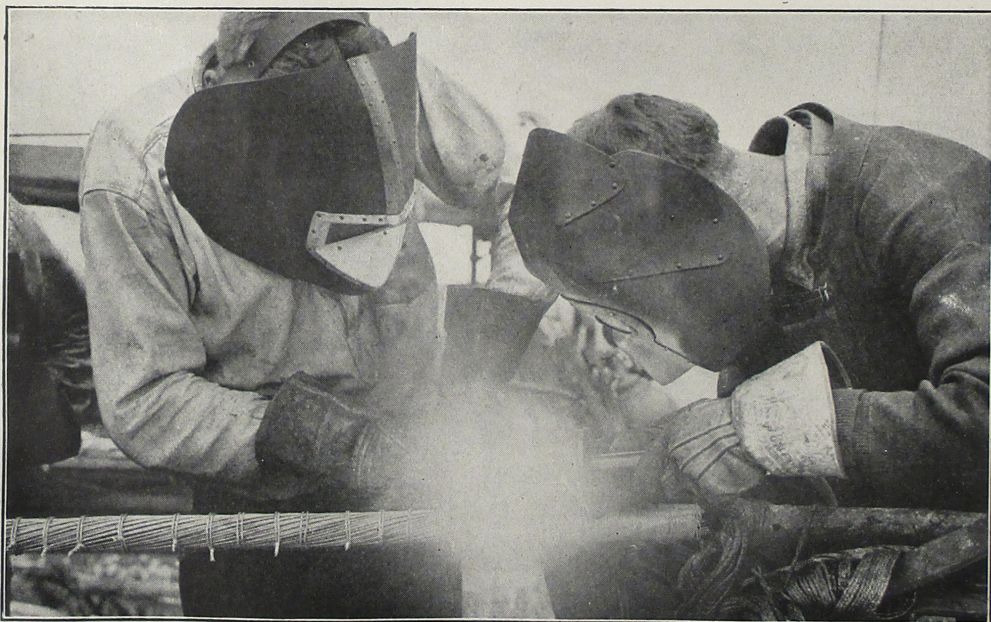


FIGURE 8—NOT MEN FROM MARS BUT TECHNICAL EMPLOYEES WELDING THE CABLE ARMOR WIRE



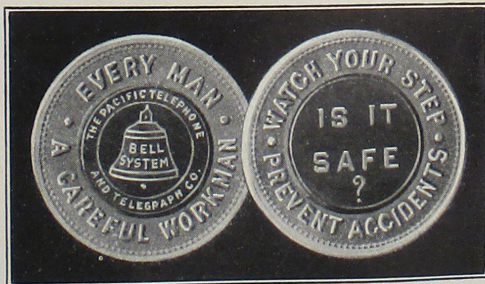
Among those present at the successful laying of the new Catalina cable were, left to right, Messrs. Cole, Pacific Company; Captain Winters, government cable engineer; Richey, American Telephone and Telegraph Company; Malm, Kemp, Redding, Duclow, and Weeks of the Western Electric Company; and Hitchcock of our company, who wrote the foregoing article.

Treat Mosquitoes Like Molecules

When mosquitoes disturb your slumber on a summer night, don't lie awake swatting and swearing, is the advice of a Western Electric engineer who asks that his name be withheld. Take the screen out of one window, open it wide and set an electric fan about six feet inside it, pointing out. The direct blast from the fan will draw a lot more air with it, so that there will be quite a breeze out through the open window. Any mosquito who comes anywhere near the draft will be drawn toward it, and if it gets into the stream it will be whisked outdoors. Once out, its motive power is too small to beat its way back against the artificial wind. Sooner or later any flying insect in the room will wander into the danger zone, so the room is emptied and kept free from the "slumber-stoppers." At the same time fresh air is drawn in through a screened open door or window.

This engineer got his idea from the vacuum pump that is used to remove the last traces of air from vacuum tubes used in radio. Most of the air is pumped out mechanically, but a few molecules linger behind. So the tube is connected to a sort of chimney up which is flowing

a stream of heavy mercury molecules from a boiling pot of mercury below. The molecules of oxygen and nitrogen in the tubes are flying hither and thither all the time, and sooner or later each one of them will shoot down the connecting tube and into the chimney. Here it is caught in the mercury molecule stream, and as it is much lighter than them it is swept along with them. When delicate tests show that all the air molecules have left the tube, it is sealed off with a blowpipe flame.



HAVE YOU YOUR LUCKY TOKEN?

As a constant reminder that Safety First, like honesty, is the best policy, J. P. Dunphy, supervisor of safety methods, has had distributed to the male employees of our plant organization the lucky token pocket piece pictured above.



Weaf's New Broadcasting Studio, New York City

The formal opening of Weaf's new broadcasting studios at 195 Broadway, New York, on the evening of April 30 was attended by many newspaper representatives, who listened to a varied program which demonstrated the perfection of technique attainable with the new facilities. A loud-speaking equipment in the reception room reproduced the concert rendered by the artists in the studios with a fidelity which proved a revelation to many present.

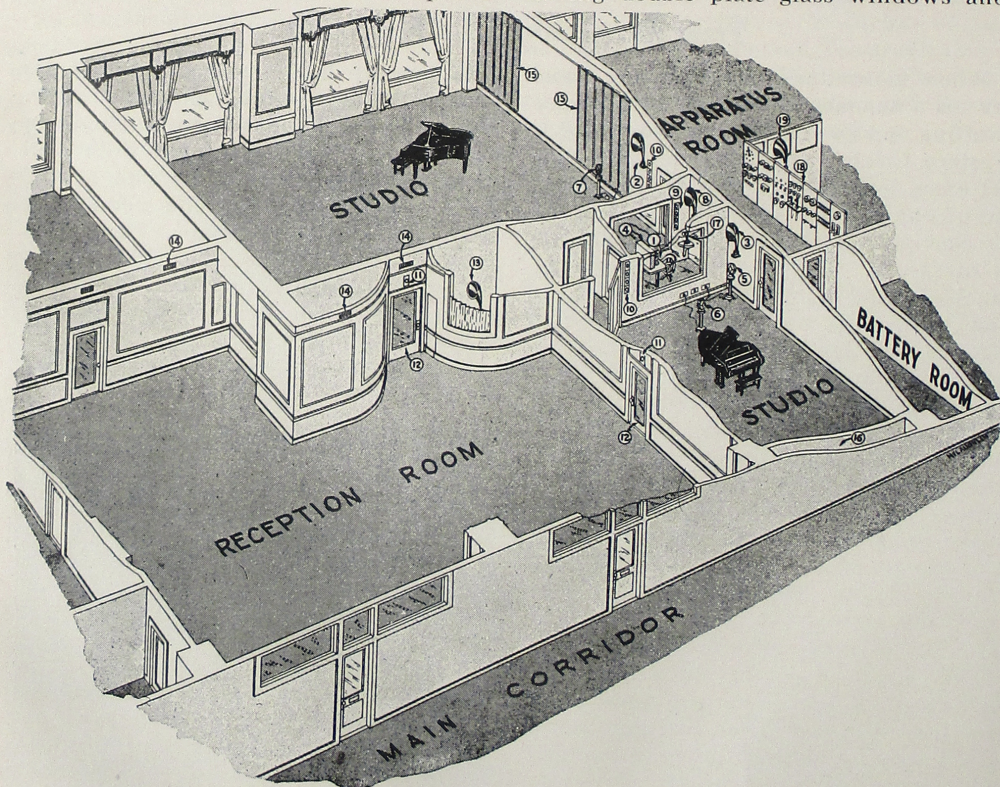
Brief speeches were made by Edgar S. Bloom, vice president of the American Telephone and Telegraph Company, in charge of radio, and by Arthur Batcheller, United States Radio Inspector for the Second District, which includes the metropolitan area.

The most important features of the new studios are the special arrangements designed to eliminate delays between numbers of the program and also the special

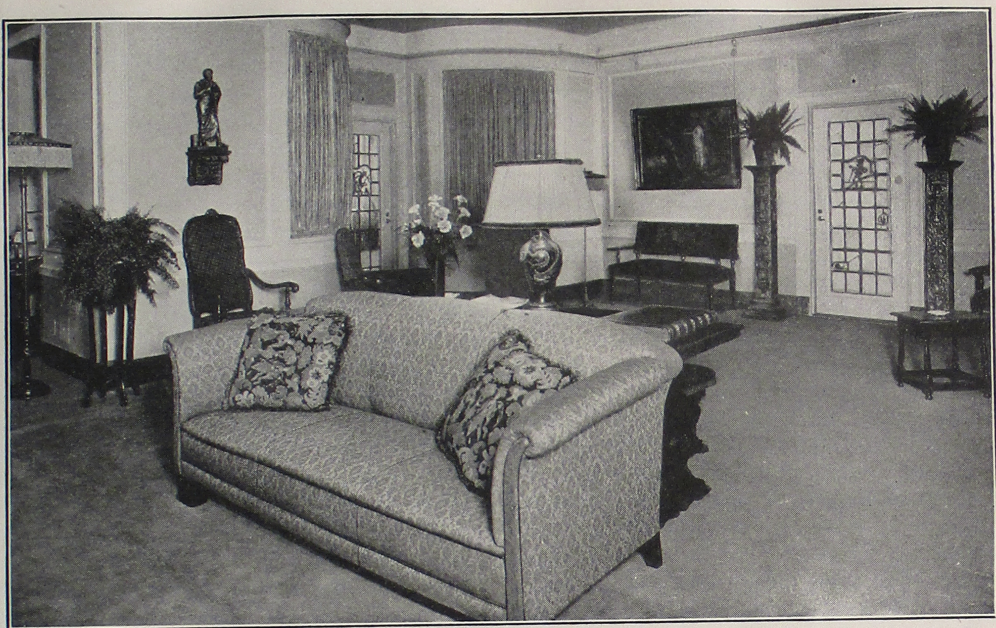
methods introduced to make possible the perfect balance and placement of artists for the best radio reproduction. The delays in programs are eliminated by Weaf by the use of two studios. While artists are preparing to broadcast in one studio, the other is "on the air," so that when a number is completed the other studio is ready to be switched on instantly.

Weaf's sound-proof announcer's booth gives a clear vision to both studios. A loud-speaker in the booth gives the announcer a reproduction of the performance in the studios as it is heard in the other. Because of this arrangement, the announcer can place his artists about the microphone so that the best possible radio reproduction results. Referring to the schematic diagram reproduced with this article, the following explanation will be found of interest.

The announcer's microphone (1) is located in a sound-proof announcing booth having double plate glass windows and



Schematic diagram showing the arrangement of the American Telephone and Telegraph Company's new broadcasting studios at 195 Broadway, New York City.



INTERIOR SCENE IN THE WEAF BROADCASTING STATION, NEW YORK

giving clear vision to both studios. Special walls render the booth practically impervious to sounds from the studios. The loud-speakers (2 and 3) in the studios repeat the announcer's introduction of artists and also enables him to give directions regarding placement of instruments and singers while the studio is idle. Switches on the announcer's control panel (4) enable him to switch in his own announcing microphone or those in large and small studios (5, 6 and 7). There are two microphones in each studio, one regular and one emergency. The announcer's loud-speaker (8) enables him to hear the performance as heard by the radio audience so that his directions are given from the audience's point of view. The signal lights (9 and 10) indicate by colored lights whether or not the studio is on the air, the carrier wave is being sent out, the microphones are switched in, or studio director or announcer are wanted on the telephone. Each door to the studios has a red signal light (11) which indicates that the studio is on the air. If any one disregards this signal and opens the door when transmission is taking place, the loud-speakers are automatically disconnected. As a further precaution the doors (12) are equipped with special knobs which can be opened only by some

one familiar with them. A loud-speaker (13) concealed in a horn closet, reproduces the broadcast entertainment for the reception room. A ventilation system through ducts (14) keeps the studios and reception room cool and comfortable under all conditions even though all windows are closed. Adjustable deadening curtains (15) are readily adapted to suit the music being transmitted. A double wall with dead air space (16) prevents radiation of hall and elevator noises from the main corridor to the studio. The announcer, who is the key to the whole situation, is in direct communication with the engineers through desk telephone (17). The equipment panels (18) are mounted with all the necessary apparatus for controlling the microphone amplifiers and input currents to the special cables connecting the studio with the broadcasting station as well as controlling and adjusting telephone lines which connect the station with outside points. Special equipment for equalizing lines to correct attenuation as well as instruments for measuring the gain of any amplifier and group of amplifiers is provided. Behind the panels is a large loud-speaker (19) which provides the monitoring engineers with either the studio output or with the output of a loop radio receiver.



San Francisco's Skyline Will Soon Include New Telephone Building

The newspapers of San Francisco recently gave liberal space to an announcement that the board of directors of The Pacific Telephone and Telegraph Company had approved the erection of a two million dollar headquarters building in that city. Inasmuch as Pacific Coast telephone people recognize the importance of this official action of the board, the announcement met with the greatest interest among our fellow workers.

The new structure will occupy the site of our company's present office building at 140 New Montgomery Street. Temporary headquarters will be secured for General Auditor F. C. Phelps and his growing family of telephone accounting people, who now are at this location, pending completion of our new building. The structure which now occupies the site was erected in a great hurry, immediately after the fire of 1906.

The new building will be in a fast-growing section of San Francisco, surrounded by business blocks of considerable size and importance, and will be

one of the many new buildings which, we understand, are now scheduled for erection in the neighborhood. It is easily available for our employees from all parts of San Francisco.

The telephone company's latest skyscraper will be designed to house the general offices of the company, that is, the chairman of the board of directors, the president, vice presidents, secretary, treasurer, general auditor, chief engineer, general superintendents, Employees' Benefit Fund Committee, and their staffs and departments, and in addition, the Coast Division superintendents and their office employees will be assigned space at this location.

The latest features of big office conveniences and arrangements will be embodied in the plans. Upwards of fifteen hundred employees will have space in this one building. It is not contemplated that any switchboard operators or local traffic forces will be housed in the new building.

At the same time, the company made



THE OLD MAKES WAY FOR THE NEW

On this site, 140 New Montgomery Street, San Francisco, will be erected, in the near future, a splendid headquarters building for Pacific Telephone and Telegraph people.



Employees District Committee, traffic department, Pasadena, Cal., District. From left to right, Miss Helen Jenkins, Alhambra; Miss Harriett Holmes, Fair Oaks office, Pasadena; Miss Imogene Francis, Colorado office, Pasadena. Miss Jenkins is the new member of the committee.

another important announcement. In the immediate future, a three-hundred-thousand dollar central office building will be erected at the corner of Bush and Larkin streets, in San Francisco. This is imperative, because of the city's growth. This new building will be finished early in 1924. The Pacific Telephone Company now has, in the City by the Golden Gate, nearly five thousand employees, a great number of whom have been connected with the industry for many years.

A Summer Pest to Avoid—Poison Oak

Many a vacation is spoiled by this skin-poisoning pest, as poison oak is quite common on the Pacific Coast. It is known to most telephone people, especially plant men. It grows profusely in the underbrush in the form of a shrub or small tree with oval pointed leaves arranged in clusters of from seven to thirteen on a common stalk, bearing numerous berries slightly smaller than a pea.

Learn to recognize this plant and let it alone. Some folks think they are immune from its poison but take no chances, especially if the skin should be wet or sweaty. Remember there is no certainty, if you have handled this plant at one time without contracting the poison, that the same will be true on another occasion.

The symptoms of this poisoning are

those of a severe inflammation of the skin. This, of course, appears more often on the exposed parts, usually the hands, arms, and face, with severe itching, skin is red, and there is a swelling, all of which is very painful.

If you should touch this plant, wash your hands at once in order to prevent serious complications. Above all, do not rub the affected parts when the first signs of the poisoning appears. This is especially advisable if it is on the face or neck, as rubbing or scratching will cause the poison to spread over other parts of the body.

Bathe at once the parts affected, use plenty of soap and water—hot water if it can be obtained, and preferably strong laundry soap if it is available. Make a heavy lather and wash for five minutes, rinse four or five times; when possible, use running water or change the water for each rinsing.

The wise thing to do is to consult a doctor promptly, especially if the face or eyes are affected, and he will prescribe the necessary medical treatment.



At the Valencia Orange Show in Anaheim, Cal., held the latter part of May, 10,000 visitors saw a blue ribbon array of citrus fruits in an Egyptian setting. Among the visitors were, left to right, Manager E. S. Morrow of Santa Ana; Vice President and General Manager J. C. Nowell of San Francisco; and Division Commercial Superintendent N. R. Powley of Los Angeles.



A Privacy Radio System Links Catalina Island

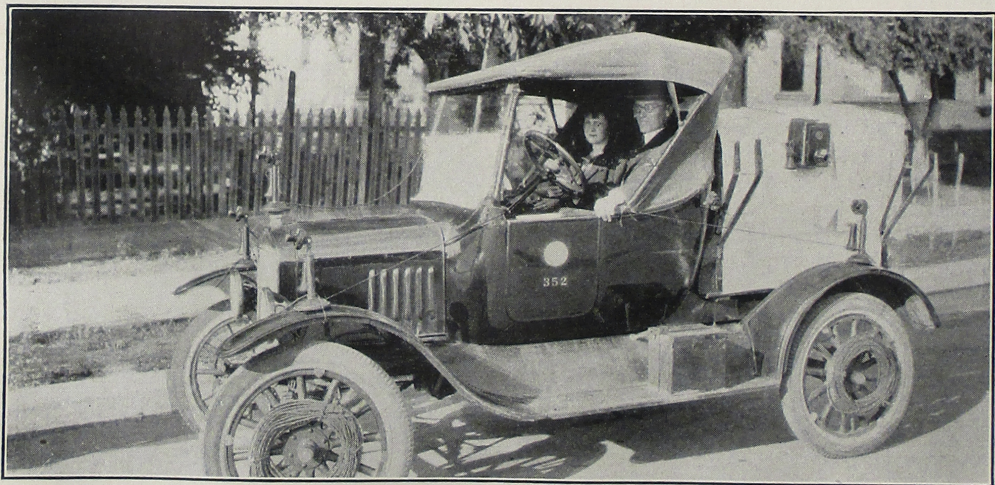
The radio telephone link between Los Angeles and Catalina Island, thirty miles off the coast of California, has set a new record in the history of communication. It is the scene of the first trial on a commercial basis of a radio telephone system insuring privacy to its users. The radio telephone apparatus which has heretofore established connection with the mainland is now replaced by a new radio development of the Bell System engineers which may be called a privacy system for the radio telephone. The new apparatus prevents any of the receiving sets commonly in use picking up the messages transmitted by this system and converting them into understandable speech.

The wireless "talk bridge" which has given telephone service across the thirty-mile gap of water separating Catalina from the California coast is unique in many respects. It was designed and installed in 1920 to give two-way talk between the mainland and an island thirty miles at sea, and has proved in on a commercial basis, giving satisfactory transmission day and night throughout the year.

At the time the radio apparatus was installed a submarine cable could have been laid joining the island and mainland which would have supplied a better grade

of service at less expense, but the conditions which existed at that time and which grew out of the war were such that the manufacture of cable would have involved a long delay in supplying service. The radio system, even with privacy assured, can only be considered somewhat in the nature of a temporary affair, for it is known that a cable could handle the traffic more economically as well as more satisfactorily in all other respects. The installation of the cable will make the ether wave lengths now used by the radio system available for broadcasting or other essential radio services.

The wireless link connects Catalina Island not only with Los Angeles, but also, through the trunk lines of the Bell System, it connects the island residents with every commercial center in the United States. After the laying of the telephone cable between Key West and Havana, the longest telephone circuit on record was set up between Catalina Island in the Pacific and the island of Cuba in the Atlantic. This circuit was remarkable for its character as well as for its length. Starting from Catalina Island, the first thirty miles of this circuit was wireless; from Los Angeles to Key West, a distance of 5000 miles, the transmission was over the long-distance wires of the



An exhibit entered in the parade held when the carnival opened for the benefit of Women's Club House fund, Merced, Cal., June 15, 1923. It was designed by A. E. Elvin, wire chief, executed by E. R. Gardner, manager; R. E. Lantz, repairman; L. T. Arent, installer; and W. Clark, equipment installer. Miss Florence Barnum, chief operator, and A. E. Elvin, wire chief, are shown in the car.



PARTY RECENTLY GIVEN IN HONOR OF MISS KATHERINE McCORMICK, SACRAMENTO
CHIEF OPERATOR

Bell System, and from Key West to Havana there was 110 miles of deep-sea submarine telephone cable. Although the transmission was by wireless, by over-land wire, and under-sea wire, the listeners at Catalina Island could easily understand and recognize the voices of the speakers at the Cuba end, and vice versa.

Now again the Catalina Island radio link is distinguished as the first to be equipped with the wireless telephone privacy system recently developed by the engineers of the Bell System.

Heretofore talks over the Catalina Island link, while clear and understandable to those using the service, have also been picked up by amateur radio receiving stations in the neighborhood, so that the privacy of the usual telephone conversation was lacking. Any radio receiving station in that part of the country, if it happened to be tuned to the right wave length, might get fragments of the talk with Catalina Island, which would be of no interest to the radio listener. Of course, the talker could not tell how far afield his words might accidentally go.

The privacy system was designed by the American Telephone and Telegraph Company largely to remedy this situation. It is not claimed that the new system is absolutely secret, but at least privacy has been obtained, so that no one will inadvertently overhear the conversations which are transmitted by this system.

The new radio equipment which has been installed both on the island and the mainland will handle telephone messages in such a way that they will be unintelligible to all ordinary radio receivers. In a word, the new sets, before putting the messages "on the air" will distort or scramble them, and no receiving set which is not specially designed or manipulated to unscramble them can obtain anything intelligible.

While any one familiar with this system, and possibly an ingenious person not familiar with it, might devise a set which could listen to the system, such a set would be much more complicated than the ordinary set, and the added complication would be of no value except for picking up transmission over this system. It is, therefore, not likely that many people will undertake this work.

Such a privacy system may be compared to a lock and key. A person relies upon a lock to secure his house and other property and is not much troubled by the possibility of a thief breaking in to steal. However, this is always a possibility. The privacy system presents an analogous case. For all practical cases it insures the requisite privacy to a radio telephone conversation, but it does not make impossible the designing of a special set, near enough like the receiving sets used in the system itself, to transform the messages into more or less intelligible form.



Employees Who Became Eligible for Service Emblems During June, 1923



Thirty-five Years' Service—
James P. Dunphy, San Francisco, Cal.

Thirty Years' Service—
May B. Blythe, San Francisco, Cal.
George Stafford, San Francisco, Cal.

Twenty-five Years' Service—
Laura B. Whitmore, Oakland, Cal.
John B. Patterson, Portland, Ore.
Frank E. Clodi, San Francisco, Cal.
Mathilde Laydon, San Francisco, Cal.
John Wallace, San Francisco, Cal.

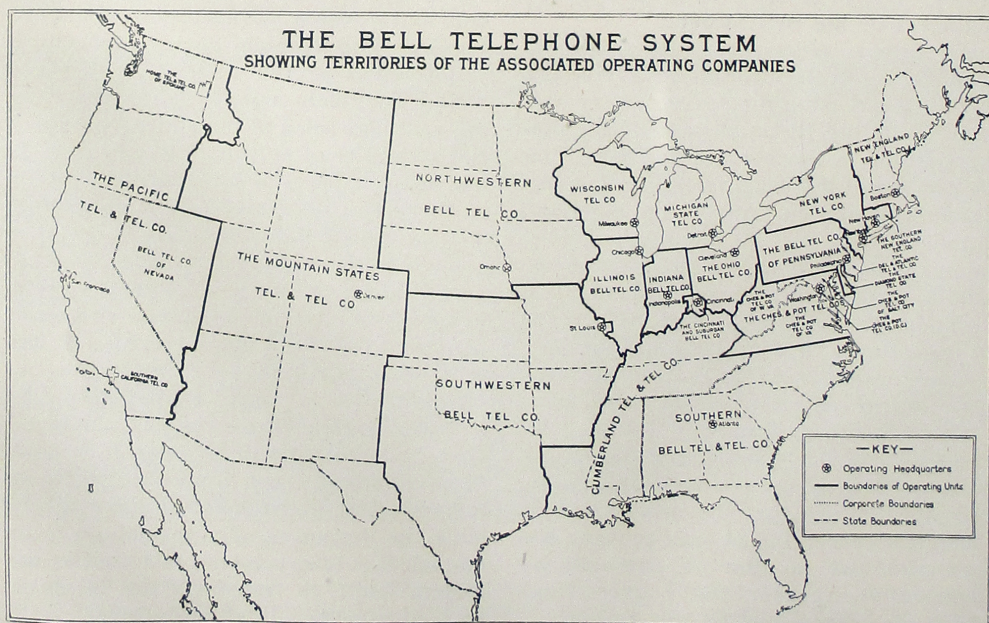
Twenty Years' Service—
Irvin J. Eshliman, Los Angeles, Cal.
Charles A. Rogers, Los Angeles, Cal.
Job T. Saunders, Los Angeles, Cal.
Myrtle L. Moore, Oakland, Cal.
Edwin S. Thomas, Portland, Ore.
C. J. Hall, San Francisco, Cal.
Charles T. Bower, San Pedro, Cal.
James E. Nicholes, Seattle, Wash.
Mary Robertson, Seattle, Wash.
George E. Richardson, Spokane, Wash.
Tillie Coltom, Tacoma, Wash.

Fifteen Years' Service—
John D. Cox, Fresno, Cal.
Merlin L. Cox, Los Angeles, Cal.
James R. Cushing, Los Angeles, Cal.
Esther G. Gustafson, Los Angeles, Cal.
Mary Mason, Los Angeles, Cal.
Elsie D. Borcharding, Long Beach, Cal.
George A. McIntosh, Newman, Cal.
Lee A. Scanlon, Oakland, Cal.
Walter C. Gray, Portland, Ore.
Walter L. Kuhn, Portland, Ore.

Venerotia T. Pratt, Riverside, Cal.
William D. Ulrich, San Diego, Cal.
William P. Anderson, San Francisco, Cal.
John B. Goulart, San Francisco, Cal.
Fred B. Horton, San Francisco, Cal.
Jessie C. Martin, San Francisco, Cal.
William E. Ahrens, Seattle, Wash.
Harry R. Butler, Seattle, Wash.
Margaret Sanborn, Spokane, Wash.

Ten Years' Service—
Gladys B. Tobin, Dinuba, Cal.
Jeannette Bordeleau, Los Angeles, Cal.
Myrtle Coleman, Los Angeles, Cal.
Mary Forker, Los Angeles, Cal.
Evelyn O. Goff, Los Angeles, Cal.
Marie Haddow, Los Angeles, Cal.
Eva Reutter, Los Angeles, Cal.
Alta E. Stetson, Oakland, Cal.
Leona Clarke, Portland, Ore.
Margaret Crombie, Portland, Ore.
Madge Edwards, Portland, Ore.
Mary Taylor, Renton, Wash.
Edith J. Douglas, San Francisco, Cal.
Rosanna Scott, San Francisco, Cal.
Mary J. Stewart, San Francisco, Cal.
Agnes A. Supple, San Francisco, Cal.
Ellen J. Bloom, Seattle, Wash.
Eva M. Moser, Seattle, Wash.
Susie C. Shannon, Seattle, Wash.
Catherine Hank, Tacoma, Wash.
Ruth A. Mahood, Tacoma, Wash.

Five Years' Service—
Evelyn F. Cooper, Alameda, Cal.
Edna M. Cassidy, Baker, Ore.





Josephine M. Wright, Berkeley, Cal.
Mayme E. Mooney, Coalinga, Cal.
Millicent White, Colton, Cal.
Georgia Zimmerman, Escondido, Cal.
Catherine Britton, Fresno, Cal.
Ruth M. Duffy, Los Angeles, Cal.
Lilian Fleischer, Los Angeles, Cal.
Ruby Fordyce, Los Angeles, Cal.
Mildred Foster, Los Angeles, Cal.
Violet P. Haddon, Los Angeles, Cal.
Dorothy G. Hoadley, Los Angeles, Cal.
Margaret V. Keefe, Los Angeles, Cal.
Effie Knapp, Los Angeles, Cal.
Loretta M. Lane, Los Angeles, Cal.
Mary A. McClyman, Los Angeles, Cal.
Clara G. Mattson, Los Angeles, Cal.
Clara C. Paradis, Los Angeles, Cal.
Winifred M. Pearce, Los Angeles, Cal.
Mrs. Violet F. Radcliffe, Los Angeles, Cal.
Jessie Z. Robinson, Los Angeles, Cal.
Ethel C. Ryberg, Los Angeles, Cal.
Nellie M. Saffores, Los Angeles, Cal.
Minnie M. Saylor, Los Angeles, Cal.
Martha Stathakis, Los Angeles, Cal.
Ruth M. Stevenson, Los Angeles, Cal.
Myrtle E. Stephens, Los Angeles, Cal.
Louise E. Swint, Los Angeles, Cal.
Elsie H. Tyler, Los Angeles, Cal.
Hattie E. Vernon, Los Angeles, Cal.
Mary R. Wardle, Los Angeles, Cal.
Agnes A. McCarthy, Monterey, Cal.
Emma L. Bonnett, Oakland, Cal.
Helen Fluetsch, Oakland, Cal.
Hazel A. Geer, Oakland, Cal.
Grace E. McNiff, Oakland, Cal.
Kate H. Smith, Oakland, Cal.
Julia L. Weblar, Oceanside, Cal.
Anna Graykoski, Palo Alto, Cal.
Ruth C. Akers, Pasadena, Cal.
Sarah D. Irwin, Pasadena, Cal.
Minnie Y. Bibelhausen, Portland, Ore.
Cecilia M. Glenn, Portland, Ore.
Emily Honguez, Portland, Ore.
Ina E. Joyce, Portland, Ore.
Felicia B. Leete, Portland, Ore.
Shanna McGurn, Portland, Ore.
Onieda W. Matthies, Portland, Ore.
Elma N. Newgard, Portland, Ore.
Ruth N. Sage, Portland, Ore.
Mary B. Slavens, Portland, Ore.
Nell M. Wilson, Portland, Ore.
Verna G. Hunger, Sacramento, Cal.
Della E. Johnson, Sacramento, Cal.
Dorothy Krause, Sacramento, Cal.
Helen J. Riley, Sacramento, Cal.
Ruth Agnes West, Sacramento, Cal.
Maude S. Gross, San Diego, Cal.
Marion G. Slee, San Diego, Cal.
Harriet Bonham, San Jose, Cal.
Mary E. Ahern, San Francisco, Cal.
Nellie I. Brewen, San Francisco, Cal.
Grace M. Dunphy, San Francisco, Cal.
May F. Fairbanks, San Francisco, Cal.
Aileen R. Hirrel, San Francisco, Cal.
Dolores R. Hirrel, San Francisco, Cal.
Lillian R. Hubner, San Francisco, Cal.
Margaret L. Kelly, San Francisco, Cal.
Helen H. Meier, San Francisco, Cal.
Bessie H. Milner, San Francisco, Cal.
Berniece V. Olson, San Francisco, Cal.

Ruth R. Rasmussen, San Francisco, Cal.
Catherine E. Ryan, San Francisco, Cal.
Molly M. Stellflug, San Francisco, Cal.
Myra J. Stevens, San Francisco, Cal.
Irene M. Thiebaut, San Francisco, Cal.
Margaret Conrad, Seattle, Wash.
Alberta Drummond, Seattle, Wash.
Elma Erickson, Seattle, Wash.
May E. Federspiel, Seattle, Wash.
Polly Fergusson, Seattle, Wash.
Pearl McIlraith, Seattle, Wash.
Beatrice Pyle, Seattle, Wash.
Edith M. Stewart, Seattle, Wash.
Bonnie Bennett, Spokane, Wash.
Myrtle Briggs, Spokane, Wash.
Pearl Gibson, Spokane, Wash.
Gladys Hardy, Spokane, Wash.
Mary E. Moran, Spokane, Wash.
Martha Hammer, St. Helen, Ore.
Julia G. Brophy, Tacoma, Wash.
Gretchner B. Brunoff, Tacoma, Wash.
Bertha L. Matzenauer, Tacoma, Wash.
Myrle I. Hayter, Vacaville, Cal.
Victoria Stewart, Visalia, Cal.
Ada M. Stubbins, Wilmington, Cal.
Thelma R. Hiel, Yakima, Wash.

First Aid by a Washington Division Employee

The following news item appeared in a recent issue of the Walla Walla *Union*, which indicates what a person can accomplish who has a knowledge of first-aid teachings, and our employee, Henry Taggart, is to be complimented for his efforts in administering first aid:

FIRST AID IS GIVEN FARMER BY LOCAL MAN

First-aid work which has been taught Pacific Telephone and Telegraph Company employees throughout the country was given its first real test yesterday when emergency treatment was administered to one in need. The story follows:

Henry Taggart, Walla Walla trouble-shooter and an enthusiastic member of the first-aid team, put some of his newly acquired knowledge into action recently when, on visiting a subscriber's premises on a case of trouble, he found the man coming in from the garden with a bad cut on the forehead.

He had been ploughing in the garden when the whiffletree broke and, flying back, struck him on his head. When Mr. Taggart came up he was mopping the blood from the wound with a badly soiled colored handkerchief, and crying "Me want doctor."

Taggart stopped the disease infecting process of the handkerchief and for the first time broke the seal on his new type "B" first-aid kit. Iodine, compress, and bandages were applied in standard form. Even the ammonia inhalant came in handy, as the patient became quite faint through excitement and loss of blood.

With considerable difficulty Mr. Taggart convinced the man and his family that he was not a physician. The Italian family were slightly hurt that their benefactor wouldn't accept lettuce and rhubarb as a token of their appreciation. The first-aid man hurried away for fear they were going to give him the farm.



The Pacific Telephone Magazine



THE PACIFIC TELEPHONE MAGAZINE

*Published monthly at
San Francisco for the benefit of its employees
by The Pacific Telephone and
Telegraph Company*

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WALTER A. FOLGER - - - - - ASSISTANT EDITOR
Shreve Building, San Francisco, California

Volume XVII

THE JULY ISSUE of the MAGAZINE marks another of its birthdays. We are now entering upon our seventeenth year of publication. With the growth of our business and added employees, the number of MAGAZINES issued has more than proportionately increased. Last year we published more than three times the number issued during our first year. We are gratified at the favorable reception which seems to continue in connection with the issuance of the MAGAZINE.

As stated many times, we do not have the advantage of a special corps of editors such as exists in many other companies, but the MAGAZINE is issued by employees in conjunction with other assigned duties. This would not be possible but for the continued loyalty and co-operation of our associates in the field. We reiterate our annual request for the continuance of this coöperation. We solicit items and photographs which will be interesting to telephone people.

THE MAGAZINE is prepared and distributed not for any particular department or branch of our business, but in the desire and hope that it will interest and entertain our whole telephone family. We again give thanks to the correspondents who have so faithfully and efficiently aided us, and bespeak a continuance of their assistance, as well as that of others in our territory who may not be officially connected with the publication.

The Flag

THERE IS ONE DAY in the present month when unfurled flags, the noise of fire-crackers, and the flare of rockets tell their own stories. It is a day which quickens the memories and strengthens the resolutions. It is a celebration of the past and a dedication to the future. To the American it brings up the stories of

Bunker Hill and a hundred battle fields from Lexington to the Rhine.

Above the smoke of powder and the flash of fireworks we see the folds of the stars and stripes. While but a bit of colored hunting, the flag is a symbol of the ideals of a nation. Its right to wave has been paid for by the lives and suffering of thousands. On this day the lives of other thousands are pledged to the proposition that this same flag shall continue to wave and tell the world of our country's pride and hopes.

We sometimes accept the benefits of the protection thrown about us by that flag without a true realization of its significance. If we are disposed to be guided by selfishness alone, we have but to look at the rest of the world and again turn our eyes back to the red, white, and blue banner to understand its blessings.

The flag symbolizes our right to life, liberty, and pursuit of happiness. It guarantees the maintenance and protection of our homes and of those who are the object of our affections. It means the privilege of industry and the certainty and security of the rewards of effort, thrift, and accumulation.

As the flag is raised in the community or as it passes in parade do not suppress the emotions. It is not a time for indifference. When you doff your hat to the passing flag you are acknowledging your love of country and paying your tribute of respect to thousands who have made the supreme sacrifice and who, beneath row after row of silent headstones, have died that you and yours might be secure in the blessings, comforts, and protection of our great nation.

Teach your children of the glories and meaning of the flag—not alone on the Fourth of July, but on each of the three hundred and sixty-five days of the year. Salute it whenever the opportunity is afforded and welcome that opportunity. As the sunset gun booms in the military posts of our nation, when the ceremonial of lowering the flag is completed, it is never allowed to touch the dust. Let us hold to this thought in our own minds. It represents the patriotism which is the bulwark of our institutions.

Let the love of our flag be a part of the character of every American.



DEATH BENEFITS PAYABLE

UNDER THE PROVISIONS OF THIS COMPANY'S BENEFIT PLAN

Death Benefits are payable in case of an employee's death by either accident or sickness only to wife (or husband) or dependent relatives of deceased employee, and are as follows:

SICKNESS DEATH BENEFITS.

- (1) Six months' pay, not to exceed \$2000, if employee's term of continuous employment has been 5 years or more, but less than 10 years.
- (2) One year's pay, not to exceed \$2000, if employee's term of continuous employment has been ten years or more.

ACCIDENT DEATH BENEFITS.

Three years' pay, not to exceed \$5000, and the necessary expenses of burial, not to exceed \$150, providing death occurs as the result of injury during the course of employment with the company.

You will note the death benefit is only payable to a wife or husband, or *dependent relatives*. This means that you may otherwise name as your beneficiary, in case of death, your mother, father, sister, brother, your children, aunt, or uncle, providing at the time of your death you are contributing to their support and that the amount given to them is necessary for their support.

If any of such other relatives (excepting wife or husband) were only partially dependent upon you for support, the death benefit payable to such partially dependent relatives shall be such part of the total death benefits as may be determined by the Benefit Fund Committee to be proportionate to the degree of dependence; provided, however, that any such other relative to whose support you were, at the time of your death, regularly contributing an amount equal to 20 per cent or more of your wages, *such contribution being necessary for the support of such relative*, shall be considered to have been wholly dependent.

If there is no one dependent on you for support at the time of your death, the Benefit Fund Committee may authorize the payment of \$150 of your burial expenses and also pay bills contracted during your period of illness, such as hospital expense, nurse hire, and doctor bills, but the total amount so paid, when added to the \$150 allowance for burial expenses, can not exceed the maximum amount that would have been paid as a death benefit if you had left dependent relatives.

The death benefits above described are payable in a lump sum throughout the Pacific Company's system; excepting in California, when death is due to *accidental injury in the course of your employment*, the law requires the death benefits to be paid in weekly or semi-monthly installments at the rate of 65 per cent of your pay, although partial or total lump sum payments may be made by the company in certain emergency cases upon the formal approval of the California Industrial Accident Commission.

EMPLOYEES' BENEFIT FUND COMMITTEE.



The Day We Celebrate

"How many members has Congress, and what do they do?"

"Mac" hesitated. With the other questions he had gotten along fairly well, thanks to Mary's coaching, but the hours they had spent together in the evenings, after the dishes had been done, studying naturalization pamphlets, had failed to prepare him for one in exactly this form.

Moreover, "Mac" was a bit flustered. The somber courtroom, the white-haired judge on the bench, the droning clerk, and the brisk young naturalization examiner were new experiences to

him. Back in Scotland courts were things with which no decent, law-abiding citizen need bother his head. And decent and law-abiding Angus MacKenzie had been, even in the care-free days when he had been a telephone employee in the service of the British postoffice. In all his thirty-three years "Mac" had never before been inside a courtroom.

He felt that, given time, he could give a fairly accurate description of the functions of Congress, for his wife had set her heart on making an American citizen of him, and had done her work as a



A PORTRAIT OF PRESIDENT THAYER OF AMERICAN TELEPHONE AND TELEGRAPH COMPANY

The life-size canvas from which this photograph is taken has recently been painted by Ernest L. Ipsen, a well-known artist. The directors of the American Telephone and Telegraph Company have purchased this painting which will hang in the headquarters of the Bell System in New York.



volunteer tutor of civics with thoroughness and precision. But the Naturalization Bureau representative was leaning across the desk repeating the question, a tone of impatient insistence in his voice. As has been said, he was a brisk young person—and there was much grist for the naturalization mill to grind on this particular day.

Despite his five years in America, Angus MacKenzie had found that in moments of excitement his tongue had a trick of getting all mixed up with rolling r-r-r-s and now he discovered that his mental equipment was going through somewhat the same process.

"How many members has Congress, and what do they do?" repeated the voice of the examiner, his impatience fast turning to irritation.

"Just a moment, Mr. Comstock," interjected Judge Howard, from the bench. "That seems to me to be hardly a fair question. There are a good many native-born Americans who are frequently puzzled as to just what the members of Congress do." In the subdued ripple of amused laughter which greeted this judicial thrust at the legislative branch, Graves Comstock took no part. One of the few faults that even his best friends were sometimes forced to concede him was that of taking his official position—and himself—somewhat too seriously. The judge's remark rather nettled him. "Mark this applicant's case adjourned three months," he said, over his shoulder to the clerk. "Next applicant!"

"Mac" and his two witnesses, Jim Paddock and Bill Jackson, turned to go. "MacKenzie, you'd better brush up a bit on United States government," said Judge Howard kindly.

"I will, sir, never fear!" was MacKenzie's quiet answer, and with a respectful bow he turned and left the courtroom.

"The trouble with you, MacKenzie," said Paddock, when they were outside, "is that you have been too busy learning to become an American to study your Americanism, letter by letter, out of books. I've been your boss for five years and I know you've soaked up more democracy, more real, downright citizenship, stringing telephone wires—learning to work with the 'gang,' learning to do your job the best you can, learning to give a helping hand when needed, learning what we call the 'Spirit of Service'—than you could have learned if you had read all the libraries from here to Halifax. But, of course, the little fellow in there doesn't know that, so I guess you'll have to wait."

There was a grim twist in the corners of the young Scot's mouth as he answered. "Yes, I'll wait," he said. "It's worth waiting for. Only—I had kind of counted on being an American citizen so we—Mary and I and 'Little Mac'—could celebrate the Fourth together. You know, the little shaver has picked up the words of that flag salute the children do in school—neighbors' kids taught him, I guess. And it makes me feel sort of queer to hear him saying, 'I pledge allegiance to my flag'—and I, his own father, not a citizen."

There was a silence—one of those eloquent silences which sometimes punctuate the conversations of men who thoroughly understand each other. MacKenzie was the first to speak.

"And tomorrow will be the Fourth," he mused.

Paddock was right when he said that Angus

MacKenzie had been busy during his last five years "learning to be an American." But the process had been commenced a little longer ago than that—before he set foot on American soil. The Americanization of Angus MacKenzie began one night early in 1918, in a shell-hole in France. A German bullet and a "wee-bit" of shrapnel, as "Mac" later expressed it, had rendered one of his plaid-draped extremities useless, and, for the first time in his army experience, Corporal MacKenzie had been forced to play the rôle of a spectator in the drama of life and death that men call war.

It was not a particularly important engagement, judged by general results. A night raid by the Germans and a counter-attack by the British troops of which MacKenzie's regiment of Highlanders formed a part, that was all. A night raid—one of the many which occurred during that otherwise quiet period when a couple of American divisions were being here prepared for greater things later on, when they tore their way through Ludendorff's supposedly unbreakable defense.

The attack ebbed. When it had completely subsided the net result was not a particle of change in this sector of the long line of trenches which stretched from Switzerland to the North Sea. But behind the front line the communication trenches and the wire system had been demolished by the German artillery fire.

Through this honeycomb of shell-holes MacKenzie, limping from a clean flesh wound in the calf of one leg, but walking unassisted, was starting back to a dressing station when the Germans once more let loose their artillery in a bombardment which rumbled like thunder, spraying with bursting shrapnel the open space over which the wounded Highlander was making his way.

One knee disabled by a fragment of the flying metal, MacKenzie fell. Into a shallow pit scooped by a shell, which had exploded but a moment before, he crawled for what scant protection it might afford.

By the light of star shells he distinguished dimly a little group of men working their way toward him—a part of one of the Bell battalions attached to the United States Signal Corps, he was later to learn.

Slowly they came, unwinding a strand of "twisted-pair" telephone wire as they proceeded, making it fast to a blasted stump here, a discarded wagon wheel there—to anything; unarmed, unprotected, but unconcerned; doing their part in the job of maintaining the communications system which was to help win the war—and doing it as coolly and methodically, MacKenzie noted with a glow of professional admiration, as if they were running a line through a quiet village street.

For the time being the wounded Highlander forgot the throbbing pain in his knee. Fascinated, he watched his brothers—he could not but sense his kinship with them—at their work. Presently one of them discovered him, crumpled up in his shell-hole. "Badly hurt Scotty?" he called. "I'll be back and give you a hand as soon as we get this line run out," and with a friendly wave he went on with his work.

Returning to the shell-hole the Yank bent over the injured Highlander and, after examining his wound, pulled a small packet of bandages from his pocket and began applying a compress.



MacKenzie marveled at the skill with which the boy—he was hardly more than a boy—went about the job.

"Been in the ambulance corps, laddie?" he asked.

"Oh—this?" laughed the doughboy. "No, I learned this trick in a course the company gave, back home, long before the big fuss started."

It was then, and during many bedside visits from his new-found American friend, while his wounds were healing, that "Mac" learned how big a part in the life of this youngster—and of many of his fellows in the Signal Corps—this mysterious thing, "The Company," had played and was playing.

As a result of these talks, "The Company" became a very real and vital thing to the wounded Highlander also. So it was that, a few months later, Angus MacKenzie, still limping slightly walked down a gang-plank—in Hoboken. Carefully pinned inside the pocket of his coat were two important documents: an honorable discharge from the British army and a letter directed in an angular, boyish hand to "Mr. James Paddock, Plant Foreman," and addressed—well, never mind. It was addressed in care of "The Company."

There was a third document, the importance of which did not, however, develop until later. It was a note, in the same scrawling hand, from Private Bill Jackson to his sister Mary, expressing the hope that she would be "nice" to his friend Angus MacKenzie. This admonition Mary Jackson carried out with praiseworthy regard to its letter and spirit. Those were the war days, and requests from brothers absent in the service were accepted as commands. Moreover, Mary discovered, soon after the arrival of the young Scot, that he was the kind of person to whom it was exceedingly easy, not to say pleasant, to be "nice." As a matter of fact, the only flaw in the otherwise perfect accord between them grew out of Mary's insisting that a certain important social function in which they were mutually interested should be postponed until after the armistice—in order that Bill might act as best man.

* * * * *

It was Judge Howard who had first suggested holding special sessions of the Naturalization Court in Millville, in addition to those regularly held at the county seat. A deposit of iron ore, discovered some ten or fifteen years before, had transformed this sleepy village, set at one edge of an agricultural county, into a bustling manufacturing town. Its mills and foundries employed several thousand unskilled workmen, mostly foreigners, and it was for their convenience that the judge had arranged the extra court session.

Against this arrangement the young official protested that evening as, with the court clerk, Oakley, he, and the judge set out for Millville. In his voice there was the irritated, almost querulous tone of a thoroughly tired man. The session at the county seat had been a busy, vexatious one. The applicants for citizenship, many of them unbelievably stupid in their replies to his questions, had passed before him for examination in a steady, slow-moving stream throughout the day. Even the supper at Judge Howard's home had failed to put him in a frame of mind to look forward with any degree of pleasure to the

twenty-mile motor trip, over bumpy, ill-kept country roads, that lay before him.

"Judge Howard," he said, "it seems to me you're making things a trifle too soft for these would-be Americans. There's too much mushy sentiment connected with this Americanization business, any way. It seems to me that if aliens care enough about America to become citizens, they ought to be willing to undergo a little inconvenience in order to take advantage of the privilege."

"It isn't just a question of inconvenience, Comstock," answered the judge. "In most cases the trip to the county seat means the loss of a full day's pay—and that's important when there are a lot of hungry little stomachs to fill. I do not believe, any more than you do, in making citizenship so easy to attain that it is regarded lightly, but I do believe that we should remove all absolutely unnecessary obstacles that block the way of one who honestly wants to become an American."

"Yes, but how many of that kind are there, when you get right down to facts?" protested Comstock. "You see these people only at intervals, Judge Howard. If you came into contact with them every day, as I do, you might perhaps view things in a different light. A large proportion of them act as if they expected you to hand them their citizenship papers on a silver platter. They come before the court only half prepared to answer the most elementary questions in regard to the form of government under which they live—and expect a lenient judge and a good-natured naturalization examiner to pick them up bodily and gently deposit them on the other side of the citizenship fence. Take that young Scotchman this morning, for instance—"

"He seemed to me to be of an intelligent type," interjected the judge. "I should say that he is the kind of a prospective citizen we should try to encourage. Merely because he could not answer some of your questions—"

"It is precisely because he is, as you say, an intelligent type," broke in Comstock, "that I resent his coming up for naturalization poorly prepared. It is simply a question of mental laziness!"

As the car rolled along over the dusty dirt roads, through the dusk of the oppressive summer evening, Judge Howard and the naturalization official continued their conversation. Oakley, the clerk, who occupied the rear seat, with a huddle of portfolios and records wrapped in paper by his side, said nothing, but stolidly puffed a cigar. The only evidence he gave of interest in anything but his inward thoughts was an occasional glance toward the north, where, unnoticed by his companions, heavy banks of clouds were gathering, shot through faintly now and then with flashes of heat-lightning.

In low earnest tones the judge and the young official discussed the issue which Comstock's protest had raised—an issue not so much between two different views of Americanization as between two types of mind and two methods of accomplishing the same results. On the one side was the jurist—mature, kindly, philosophical; on the other, the young administrative officer—zealous, precise, and, when results fell short of his stand-



ards, impatient at anything less than the fullest preparation for citizenship.

"I don't know about that," Oakley heard the older man reply to one of the examiner's points. "Perhaps, as you have said, I do not see these people often enough to think soundly in regard to this matter."

"That is just my point!" Comstock shot back.

"But on the other hand," Judge Howard went on, quietly, "may it not be that you see them too often; that you view things at too short a range? May it not be that you have fallen unconsciously into the habit of magnifying the annoyances and vexations of such a day as this has been until they prevent you from seeing clearly the bigger and more important things that lie behind them?"

"There is the letter of the law, Comstock, and there is the spirit of the law. Both have their uses. But, after all, it is to the spirit that we must finally turn. As the Bible says, 'the spirit giveth life.'"

Graves Comstock did not reply and for some moments there was silence. Oakley leaned forward, his cigar still clenched in his teeth. "Looks as if we might have a thunder shower," he ventured.

"Why, so it does!" answered the judge, speeding up a little in the hope of reaching Millville before the storm broke.

Perhaps three-quarters of the journey had been completed when the prediction of the court clerk was fulfilled—with the sudden vindictiveness that Nature sometimes displays when aroused. Without other warning than the gathering clouds which Oakley had observed, torrents of rain began to fall, beating upon the automobile as it struggled along the road, its wheels skidding drunkenly through the ruts. His vision obscured by the downpour and the increasing darkness, Judge Howard bent over the wheel, peering forward to watch the road and calling to his passengers to look out for a farmhouse in which they might take refuge.

But the section was thinly settled and they were forced to flounder along for nearly a mile before Judge Howard himself recognized "Jed" Harkness's place, the lights of which flashed into view as the car rounded a corner just before the road dipped suddenly toward Beaver Creek bridge.

As they stood on the porch of the farmhouse, awaiting a response to the judge's knock, the steady roar of the creek, already level with its banks, could be plainly heard.

"Must have had an even heavier storm farther up the stream," commented Oakley. "From the way the creek is growling, it sounds as if it might have been a cloudburst."

Once inside the house, in response to a hearty though surprised greeting and invitation from Harkness, the three were quickly provided with oddly assorted outfits of dry clothing, while Mother Harkness bustled about the kitchen and began the preparation of a pot of hot coffee. This consumed, the judge and his companions settled down comfortably to wait for the storm to "blow over."

But it was not that kind of a storm. With increasing severity the rain continued to fall, the wind mounted and howled through the evergreens which surrounded the farmhouse, the lightning flashes became more frequent and more intense,

and the thunder rolled and crashed like heavy artillery.

"I wonder if I may use your telephone?" asked the judge, during a slight lull in the downpour. "I am afraid Mrs. Howard may worry about me. You have one, haven't you?"

"Sure we have, and you are welcome—right out in the hall, Judge!" answered the old farmer heartily. "You don't suppose we could get along without a telephone do you?" he added.

"Well I am afraid we shall have to get along without one tonight" said the judge, after he had turned the crank on the wall set several times. "I couldn't get Central. Sounds as if the wire were dead—probably a tree has been blown over into the line."

"Probably," said Comstock, dryly. "You usually can't get telephone service when you need it most."

"Oh, I don't know, Mr. Comstock," said Harkness. "Take it by and large, we find the service pretty fair out here."

"And any way, you know, Comstock," smiled the judge, "the Common Law says something about 'acts of God.' If that rule is ever going to be applied to the failure of the telephone company to give service, I should think tonight would be a good time to apply it, wouldn't you?" The young official said nothing, and for some time the party occupied itself with disconnected observations on the progress of the storm.

"Well, by jingoes—I'm not very hospitable!" exclaimed "Jed" Harkness, glancing at his watch. "Here it is after eleven—time all honest folks were in bed. There's no use of your trying to get to Millville tonight, even if the storm does let up. I guess we can find some sort of a place for all of you to sleep—can't we mother?"

Mrs. Harkness was starting up the stairs to make the necessary preparations for the accommodation of her guests when the glare of an automobile headlight flashed around the corner of the road, sweeping over the porch and through the farmhouse windows as the car turned into the driveway and plowed slowly up to the door.

A figure alighted from the machine and climbed the steps. Before the newcomer could knock, "Jed" Harkness, lamp in hand, had thrown open the door to admit him. The flaring light threw into sharp relief against the darkness the face of Angus MacKenzie.

"Mr. Harkness," he said. "Would you mind my using your telephone? We've been out fixing up a break and, while everything seems to be all right, I'd like, if you don't mind, to make a test with your instrument. Our test set got pretty damp—and we generally like to be sure things are O. K. before we leave them."

"Come right in!" said Harkness, warmly, "and bring the other fellows in." He thrust his broad shoulders out of the door and called, "Come on in, boys, and get a bit of hot coffee—you must be pretty well soaked through!"

Jim Paddock and Bill Jackson followed Harkness into the kitchen and began to shed their dripping coats. MacKenzie stepped to the telephone in the hall, found everything working properly and reported through to the testboard. "Just wanted to get that off my mind—though I'm sorry I shed so much water on the hall carpet," he said apologetically, to Mrs. Harkness, as he, too, started toward the kitchen. "You, see, ma'am,



we happened to know that Mrs. Secor is sick and might need to call a doctor in a hurry, so when the break was reported we ran out tonight to patch it up, instead of waiting until morning."

"Do you mean to say, MacKenzie, that you three fellows came out on a night like this just to mend a telephone line?" It was Comstock speaking, and the newcomer started slightly at the voice, for he had not noticed the official, sitting in a corner of the parlor.

"Oh, it's you, is it, sir?" he said. "Why, yes, of course we came out to mend the line. Why not, sir?"

"But why *should* you?" asked the official, his tone a curious mingling of an honest lack of understanding and an unconscious challenge. The latter note the young Scot was quick to catch and a sudden stiffening of the jaw accompanied his flush of embarrassment.

"Well, sir," began the telephone man, searching for words, "I had a little trouble answering your questions this morning, and I expect I shall not get along much better tonight. There are some things that a man knows but can't rightly put into words—at least I can't, sir." He paused awkwardly, then began again.



Portland, the City of Roses, has experienced a very substantial growth during the last four years. Following the war, the city entered into a new era of solid and substantial expansion. Especially has this been the case in building and \$22,734,000 for the foregoing periods. Within the last year the building program has had a general tendency towards buildings, office buildings, and banks. The following are some of the recent additions to Portland's list of buildings: Pittock Block, \$350,000; Odd Fellows Temple, \$200,000; Gill Building, \$600,000; Sovereign Hotel, \$500,000, an addition to their present building. This will include a 24-story tower which will make the building the tallest in the city. Like all growing cities, the traffic problem is very acute. It is hoped that a good part of this congestion there will be six avenues of traffic across the Willamette River. Just remember "For you a rose in Portland."

Of the new industries beginning operations in Portland during the past year, the Columbia Tire Corporation has invested \$250,000 and \$500,000, respectively, which was practically raised from among local investors. The former

Like all growing cities, the traffic problem is very acute. It is hoped that a good part of this congestion there will be six avenues of traffic across the Willamette River. Just remember "For you a rose in Portland."



The Pacific Telephone Magazine



"I used to wonder, over in France, during the war—"

A half suppressed sob interrupted him. Instinctively his glance followed that of the old farmer and his wife to a portrait, draped in the Stars and Stripes, which hung above the mantelpiece. It was an enlarged photograph of a young man in uniform. Beneath it was a Service Flag—with a single gold star.

"I'm sorry, ma'am," said MacKenzie simply. Then, turning again to Comstock, he went on: "I used to wonder how the Yanks in the Signal Corps could do some of the things they did do. I

couldn't get it through my head any better than—well than you could understand this business of mending a line on a night like this.

"I says something about it to Bill, here, one day, and Bill just laughs quiet like, and says, 'Oh, that's the way "Mother Bell" brought us up!'

"And who is "Mother Bell"?" I asks, 'I never heard of the old lady.'

" "Mother Bell!" says Bill, 'is us. It's The Gang. It's The Company. "Mother Bell" is what sticks by you and helps you through a tough job and makes you do it right.'

"Back home!" says Bill, 'I've heard it called



city of war times, with the shipbuilding industry and high-pressure lumber, wheat, and wool demands, Portland building permits mounted from 10,196 in 1920 to 14,496 in 1922, with a corresponding value of \$12,088,505 in addition to a heavy residence construction, the erection of several high-class apartments, hotels, fraternal buildings. Completed or under construction, Elks Temple, \$1,000,000; Security Savings Bank, \$350,000; Broadway Bank, \$600,000. In addition to the above, the United States National Bank is contemplating erecting new structures on the Pacific Coast. The estimated cost of the addition is \$1,000,000. Besides the building of freight for 1922 shipped to Portland via the all-water route was 33 per cent over the previous year. In

And Rapids Showcase Company are the two most outstanding. These two industries have a local investment of \$1,000,000 each, and employ 300 men, while the latter furnishes work for 1000 employees.

With the construction of two modern bridges costing \$4,000,000. With the completion of these two bridges and our wonderful Columbia River highway and the majestic Mount Hood will take care of the rest.



the "Spirit of Service," but over here—well, we call it "Mother Bell." ' ' "

Comstock, his eyes intent on the telephone man's face, was a study. MacKenzie hesitated for a moment and the young official leaned slightly forward, as if about to speak but said nothing.

"Well," the Scot went on, "it was 'Mother Bell' that brought me to America. I'd been a telephone man in Scotland, you see, and I had a pretty good job, with my pay coming in regular from the government. But—well, some way, we didn't talk about The Gang, or helping the other fellow out, or doing the best kind of a job we knew how to, just because the public depended on us to stand by 'em. There wasn't any 'Mother Bell' in Scotland, or anything at all like it.

"But over here it's all so big—and makes you feel as if you had a big job, too, no matter what kind of a job it is. You never can tell, you see, when you are stringing a wire, whether it's just going to carry messages to the next village or whether somebody's going to use *your* wire to talk across the continent.

"And it is your wire, too—or partly yours, anyway—not only because you helped to string it but because you own a little piece of the company that owns it—you and a couple of hundred thousand other Americans—"

He stopped. "I beg your pardon, sir," he said, to the judge. "I should have said 'a couple of hundred thousand Americans'—not 'other Americans.' I mean—I have no right, yet, to call myself—"

His voice trailed away into a helpless silence.

"All right, MacKenzie," said Judge Howard, kindly. "We understand."

"I can't explain how I feel," the telephone man went on, encouraged by the judge's sympathetic smile. "I don't suppose I can make you see why it is that we take it as a part of the day's work to do a job like this one has been. It's just because the folks on the line—and that means fourteen million people you know who might be connected up with it if they wanted to—it's just because they depend on us to see 'em through I guess, that we stand by 'em.



During the few days preceding and subsequent to the recent cut-over from manual to machine switching offices of the new Melrose, Rainier, and West offices, Seattle, J. H. Corcoran, general superintendent of traffic, and all of the traffic men of the Washington Division, were assembled in Seattle in order to participate in the cut-over. During their stay in Seattle, the attached photograph was taken. The members of the group, reading from left to right, are as follows:

Top Row—M. F. Pugh, division traffic supervisor; J. P. Collins, traffic inspector, Seattle; K. W. Kramer, machine switching service observer, Seattle; R. F. Anderson, engineer, Seattle; L. E. Clyde, traffic chief, Seattle; V. L. Sylliaasen, district traffic superintendent, Tacoma; E. S. Bomstead, traffic student, Seattle.

Middle Row—J. W. Newell, division toll traffic supervisor; E. L. Breene, division superintendent of traffic; J. H. Corcoran, general superintendent of traffic; F. I. White, district traffic superintendent, Seattle suburban; R. D. March, engineer, Seattle; F. H. Shea, district traffic superintendent, Seattle; A. I. Launder, engineer, Seattle.

Lower Row—L. E. Winget, division traffic engineer; J. A. West, district traffic superintendent, Spokane; W. J. Condit, division employment supervisor; A. C. Keyes, traffic chief, Spokane; L. K. Weber, traffic chief, Seattle; G. E. Chalfant, engineer, Seattle; G. E. Kellogg, traffic chief, Seattle; N. L. Lake, district traffic superintendent, Walla Walla.

Since this picture was taken, several changes have occurred in the organization of the Washington Division. Effective May 1, 1923, F. H. Shea was transferred to the Oregon Division, as district traffic superintendent, Portland district. Effective June 1, 1923, J. A. West was appointed district traffic superintendent, Seattle district; V. L. Sylliaasen was appointed district traffic superintendent, Spokane district; and G. E. Kellogg was appointed district traffic superintendent, Tacoma district.



"It's this way, sir, it seems to me"—he turned directly toward Comstock and looked him straight in the eyes as if ready at last to accept the young official's implied challenge. "It's this way: we aren't just working for a company, sir, nor even for a system. Our job's bigger than that. It's as big as the country—as big as any place there is where there are folks who want to talk over our telephone lines.

"We get our pay envelopes from the company, of course. But—the way I see it, anyway—we're working for—well, for the United States of America!"

For a moment Comstock was silent. When he did speak there was respect, understanding, and conviction in his voice—and some human sympathy as well.

"For the United States of America!" he repeated. "You are right, MacKenzie—absolutely

dead right—and I want to thank you for one of the best talks on Americanism I ever listened to. I am sorry about this morning. I was in a hurry—and you can't hurry the job of making an American. I was trying to find out what was in your head. I should have looked also for what was in your heart.

"Now I know. You've got the heart of a real American, naturalization or no naturalization. And I don't think it's too late to correct our mistake of this morning—is it, Judge Howard? I'm for holding one of your special naturalization sessions, right here and now, for 'the convenience of applicants and witnesses'—I believe that is the phrase, isn't it, Judge? Oakley, unpack those records! Convene the court!"

For once, the clerk's professional calm forsook him. Accustomed though he had become, after years of intimate contact with it, to the ever-



The Atlantic City Convention, October 19 and 20, will be the largest gathering of Pioneers in the history of the organization. Plans are being made to care for at least 2500 Pioneers, and it is not at all unlikely that 3000 or more will be present. The largest attendance at any of the previous conventions was 1200. The double opportunity—to spend some time at "the playground of the world," and at the same time meet old friends while attending the convention—will be an attraction that few Pioneers can resist. That's why Young's Million Dollar Pier has been rented for the occasion. It will belong to the visiting Pioneers from Thursday afternoon until the end of the convention. Committees are actively engaged in preparing for the throngs who will attend. Already booklets are in the hands of all Pioneers. These booklets contain a questionnaire on the back page which is to be filled in and mailed as early as possible. To be sure of satisfactory accommodations, this questionnaire must be in the hands of the committee not later than September 20. With the booklet there is also a return postal card on which some preliminary information is asked for. This should be mailed at once, so that the committees will have data from which to make definite plans. There is also a certificate enclosed, which when presented at the local railroad office, entitles the holder to a special rate of a fare and a half for the round trip. From the reports coming out of Philadelphia where the committees are working, there will be "something doing" every minute during the convention. Atlantic City is at its best in the fall months. The weather is mild and the salt air is invigorating. The Bell of Pennsylvania people who are the hosts this year, are striving to make it a party long to be remembered. All Pioneers can help the committees by sending in all the information possible at the earliest possible date.

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shifting drama of law and life, he could not but share with the others in the room their thrill at Comstock's words. He looked in astonishment at the young official, so changed in voice and bearing, and then, as if scarcely able to believe what he had heard, glanced hastily from one to another of the actors in this strangely set court scene.

Mother Harkness, smiling through her tears, silently laid one hand on her husband's knee and his gnarled fingers closed over it tenderly. For the moment, their sorrow for their son, re-awakened by "Mac's" reference to the war, was forgotten, so intent was their interest in the young Scot and in this new turn of events, obviously of such vital importance to him.

Paddock was silent, but shot at MacKenzie a smile which spoke volumes. Bill Jackson, the irrepressible, gripped his brother-in-law by the elbow. "Atta boy, Old Hoss!" he exhorted, in an ill-concealed whisper, "Now show 'em what you can do!"

MacKenzie stood in the center of the group, shifting from one foot to the other like a school-boy overcome with embarrassment at unexpected words of praise. His bronzed face paled slightly, his lips set in a straight line as he struggled to control his emotions, and nervously he twisted his sodden felt hat, which he still held in his hands.

The clerk hesitated, glancing inquiringly in the direction of Comstock and the judge. Any doubts he may have had as to whether his superior would approve Comstock's suggestion, however, were dissolved when the older man arose, took a step forward and silently gripped the young examiner by the hand. Then he nodded to the clerk and Oakley began the court call—a tradition as ancient as Anglo-Saxon justice itself.

"Hear ye! Hear ye! Hear ye!" He was now fully aware of the reality of the drama he was helping to enact and, as if resolved to play up to the part assigned to him, had discarded his monotonous, professional drone and was speaking with a deliberation which gave each word new emphasis. "All manner of persons having any business to bring before this special term of the Superior Court, let them draw near and give their attention and they shall be heard."

Judge Howard took his place at the black walnut, drop-leaf table at the center of the room and bowed to the federal examiner, who arose.

"If your honor please," Graves Comstock began, "the first application for admission to citizenship is that of Angus MacKenzie, a subject of Great Britain, now residing within the jurisdiction of this court. His witnesses are present, an examination of his preliminary and final applications shows that the same are in proper form and that the applicant has resided within the United States and within the jurisdiction of this court for the period required by law.

"Furthermore, if the court please—" he spoke slowly, as if searching for words whose meaning could not be doubted, "since the last appearance of this applicant before your honor, at which time his case was marked adjourned, certain collateral investigations, with the details of which it is not necessary to burden your honor at this time, have convinced me that this applicant possesses qualifications which not only entitle him to admission to citizenship, but which will make him a citizen of whom the United States may well be proud. I

therefore move the court that this application be acted upon favorably—and without further formality or delay, if your honor please."

"The motion is granted," said Judge Howard, gravely and judicially, but with just a suggestion of a twinkle in his eye. "The clerk will administer the oath to the applicant and his witnesses, and will forthwith issue a certificate of naturalization, under seal of this court, to the said applicant, Angus MacKenzie."

"Are there further applications to come before this session of the court?" he proceeded. It was characteristic of Judge Howard to relieve the tension of just such moments as this with some deft bit of whimsicality, and the twinkle in his eye became unmistakable as he paused with studied gravity for the affirmative reply which, in the nature of things, he could not possibly receive. Then, with the faintest suggestion of a smile: "If there are no such applications, the court will stand adjourned."

The oath was administered to MacKenzie and his witnesses, and the three busied themselves, under Oakley's direction, with the necessary signatures in the naturalization records. There was perfect silence in the room as the clerk prepared, signed, and sealed the certificate and handed it across the table to the new citizen.

Angus MacKenzie, American, rose to his feet. From an inside pocket of his canvas coat he drew a worn leather wallet, into which, with fingers that trembled a little, he tried to fit the neatly folded certificate. In order to make room for it, he took some papers from one compartment and began to transfer them to another, glancing at them one by one as he did so.

The first was his discharge from the British army. The second was a card, issued by The Company, certifying his employment by it. Over the third MacKenzie paused for a moment or two in silence. It was a snapshot of a little boy standing before a small American flag, his hand raised to his curly head.

From the picture MacKenzie's eyes strangely alight, turned to the flagdraped portrait over the mantelpiece. In the hallway a grandfather's clock began to strike. From the flag to the picture the new American turned his eyes, then back again. As if he had forgotten where he was or what he was doing, he drew himself erect and raised his hand to his forehead in salute.

"I pledge allegiance to my flag and to the republic for which it stands," he repeated, "one nation, indivisible, with liberty and justice for all."

Deep, sonorous, the tones of the clock accompanied his words. As he finished, the twelfth stroke sounded.

"Gentlemen," said Judge Howard a tone of exaltation in his quiet voice, "it is the Fourth—the Day We Celebrate!"

In a flash there came to MacKenzie the picture of Mary, of 'Little Mac,' and of their dreams of 'Little Mac,' and of their dreams of their first real Fourth of July together—as Americans.

"The Day We Celebrate!" he repeated, softly, as if to himself. "Yes, Judge, it is 'The Day We Celebrate.'"

R. T. BARRETT.

Just because you lost once is all the more reason you should—try again.



Notes From the Divisions

Southern Division



A Sky-Line View of Los Angeles, Division Headquarters

Division Superintendent of Plant, I. F. DIX.

Division Commercial Superintendent, N. R. POWLEY.

Division Superintendent of Traffic, F. N. RUSH.

Mrs. Sara E. Updyke is again with the operating force at Fullerton.

Mrs. Margene McKean has been added to the operating force at the Upland exchange.

Miss Pauline O. Powers has been appointed to the position of chief operator's clerk at Alhambra.

Mrs. Minnie E. Dieterich, operator at Fullerton, has resigned and will make her home in Truckee.

Miss Mildred B. Forney, operator at Tustin, became the bride of E. P. Wurtz of Burbank on June 2.

Misses Vera Comer and Mildred P. Enright have been added to the operating force of the Tustin exchange.

E. C. Largey and V. C. Byers have recently been added to the counter force of the Los Angeles business office.

Miss Jule G. Laffrenzen, junior operator, at Olive office, Los Angeles, has been transferred to San Francisco.

Alhambra office is sorry to lose Mrs. Arlene M. Wochholz, who resigned on account of her mother's illness.

Miss Margery Wright, cashier of the Riverside office, enjoyed a two weeks' vacation with friends in the bay cities.

Miss Dorothy B. Ranslem, formerly of the Pasadena exchange, was recently added to the operating force at Burbank.

Miss Cecil M. Linecum, formerly of Fresno, has been transferred to Main office, Los Angeles, and added to the "A" force there.

B. J. Little, directory supervisor at San Diego, has returned from a two weeks' vacation spent at the Laguna Mountain resort.

Mrs. Elizabeth Hedden, operator at Fullerton, has returned to her duties after a very enjoyable vacation spent at Redondo Beach.

Mrs. Rose L. Babb, operator, Broadway office, Los Angeles, enjoyed a wonderful visit at San Diego and Santa Barbara on her vacation.

Miss Carrie L. Gooding, operator, Tustin, has recently returned from a trip East, where she was called because of the death of her mother.

Miss Lillian I. Kutch and Miss Florence E. Whalley were recently employed as students in the operating force at the Burbank exchange.

W. A. Blumenschein of the Los Angeles business office, spent his vacation in attending the annual Shriners' convention held at Washington, D. C.

Mrs. Hazel M. Springer, evening operator, Broadway office, Los Angeles, spent several days of her vacation having wonderful times in San Diego.

Mrs. Elizabeth Patterson, supervisor at Olive office, Los Angeles, has resigned to take up home duties as her husband has accepted a position at Indio.

Miss Gertrude T. Rochette, evening operator of the Glendale exchange, has recently been appointed to the position of chief operator of the Burbank exchange.

We congratulate Mrs. Jennie Hockett, supervisor in Pico No. 1, Los Angeles, for her long service with the company. Her service pin shows four stars.

Miss Rose M. Oberg and Miss Aunice G. Heidtman have been added as students in the operating force during the month of May at the Paso Robles office.

Miss Minnie Yeager, teller in the San Diego office, is back on the job, having spent an enjoyable two weeks' vacation at one of the San Diego County mountain resorts.

During the past month the additions to the Glendale operating force include Ruth J. and Laura K. Culp, Grace McHenry, Lillian M. Price and Inez McCain.

The night operators of the Riverside exchange recently received a beautiful bouquet of red carnations for good service on a long-distance call to New York City.



Mr. and Mrs. R. R. Spencer are the proud parents of a son born May 7. Mrs. Bird C. Spencer was chief operator of the Upland exchange for a number of years.

Two new Lincoln Juniors were recently purchased by employees of the Fullerton exchange, Mrs. Leila M. Ruhl a coupé, and Mrs. Myrtle M. Goodman a touring model.

The Misses Mildred Eckdahl and Vivian Murphy of the Los Angeles business office stenographic department enjoyed a vacation in the Yosemite Valley and San Francisco.

Miss Helen Jenkins, evening operator of the Alhambra office, was elected district representative to succeed Miss Worthington, who is now evening chief operator at Alhambra.

The San Pedro exchange tenders sincere sympathy to Miss Laura H. Tockler, one of the operators, in the loss of her brother Joe, who passed away on Thursday evening, May 10.

Most of our supervisors in Broadway office, Los Angeles, will be on time now, for Misses Bessie E. Sykes, Magdaline Grunder, Lois E. Maynard and Beulah Srofe have "bobbed" hair.

The Misses Fredonia W. Van Buskirk and Emma P. Clark of the Riverside exchange are enjoying a week's vacation at Ocean Park. The greater part of the twenty-four hours will be spent in dancing.

Miss Gene Mullins, evening chief operator, Pico No. 1, Los Angeles, has resigned to accept the position of chief operator of the P. B. X. at the Board of Education. We wish her success in her new venture.

It gives us much pleasure to quote the following statement of Marshal Foch: "If I had to start life over again I would go to Los Angeles. It is a magnificent country. It is the Riviera—but greater."

E. F. Bradley, senior clerk to the counter supervisor of the Los Angeles business office, has been exceedingly busy lately receiving congratulations on the arrival of a baby girl in the Bradley household.

The monthly business meetings which were being held by the San Diego commercial employees have been discontinued during the summer months and will be resumed again on the first Monday of October.

Mrs. Rowena Yoxall of Alhambra exchange stole a march on the girls of the operating force and took a trip to Santa Ana, or somewhere, and came back Mrs. McKay. Congratulations and best wishes from us all.

Pico No. 1, Los Angeles, is keeping up with the rest of the city in the building boom, twelve new "A" positions being installed and now in use. This makes sixty-five "A" and twelve "B" positions in this office.

The following note from H. C. Linkins, manager of L. J. Christopher Company, Los Angeles, accompanied a box of candy to our San Bernardino operators: "Just a token of our appreciation of your service and courtesy."

Mrs. Bernice A. Ivey, supervisor, Broadway office, Los Angeles, will be ready to tell us "oodles" about the beautiful scenery around Los Angeles, for she has a brand new car.

Cupid will claim three victims from our operating force in Los Angeles, Pico No. 2, during the month of June. They are: Misses Faith C. Guyett, Olivia Struckhoff and Ellen E. Sampson.

Miss Lois E. Maynard, supervisor, Broadway office, Los Angeles, is making big plans for a trip to Yosemite with Miss Veva Cherrington, formerly of Broadway office, now evening central office instructor in Sunset office.

Arnold Bentley, collection clerk in the San Diego office, is a member of The Pacific Telephone and Telegraph Company ball team. He is receiving the congratulations of every one for the splendid games the team is putting over.

The girls at San Pedro extend their welcome to the recent additions to the force—namely, Miss Jeanette Strum, Mrs. Henrietta Larsen, Mrs. Violet M. Miller, and also Mrs. Artie Gentry, who has been away for three months on a furlough.

Main office, Los Angeles, has completed its spring house-cleaning and shines in all its glory. The freshly painted walls and new lamp-shades are refreshing indeed, to say nothing of the new chief operator's desk, with which Mrs. Gruber is justly pleased.

Mrs. Beatrice Eckleberry, a substitute operator in Long Beach office, has taken an extended trip East by auto. She will visit points of interest en route. Scenic cards received by the girls of the office report she is having a fine trip, and are appreciated by all.

Miss Alma Blomker, clerk in the San Diego office, reports a very enjoyable time spent in the Laguna Mountain resort during her vacation. From her appearance we believe her when she states that she gained considerable weight during her two weeks' stay.

Mrs. Iva C. Barrington, née McCarney, and Mrs. Ella M. Bonfoey, former employees, have returned to the Los Angeles centralized information department. Miss Betty Z. Bailey, former employee at Wilshire information department, also recently returned to this department.

The employees of the Los Angeles business office are all taking the course on machine switching methods of operating in Los Angeles, and from opinions expressed they are all intensely interested and no doubt their grades will reflect considerable credit on the instructors.

Mrs. Helen R. Ludke, central office clerk, at Olive office, Los Angeles, has resigned and will leave Los Angeles June 3 for an extended tour in the East. She will assume household duties on her return. Her office associates extend their heartiest wishes for her future happiness.

Miss Ora Smith, clerk at San Diego, is one of the many that attended the recent boat ride to Catalina given by the San Diego Junior Chamber of Commerce. She is unable to give any report as to the trip up to Catalina, but claims to have had a very enjoyable trip on the way back.



Jack Adams, division commercial agent, Los Angeles, passed through Riverside on his way to Elsinore with Mrs. Adams and daughter, to recuperate for a few days after his recent illness.

Every one in Main office is glad to have the Misses Mabel Comerford, May Crittendon, and Mary Eakins back with them again. It is worth while when such operators as these return, and we hope to keep them with us in the future.

Pico No. 1, Los Angeles, is proud of Miss Helen Portillo, operator, who has satisfied so many subscribers with the service she has rendered that when temporarily removed from her position they requested that she continue to answer their lines, as no operator had given them such good service.

Long Beach office is still increasing. Three new sections of switchboard are being installed and four new operators have been added on the payroll. They are the Misses Donna M. and Bess E. Swift of Waterloo, Iowa; Bertha Tronier of McAlester, Okla., and Maude Florence Dalton of Hereford, Texas.

Congratulations, Alhambra! Fair Oaks office, Pasadena, greets you and offers congratulations on your choice of a new representative for the Employees' Plan of Representation. Miss Helen Jenkins is a lovely girl, one of the most charming we know, and there is no doubt but she will further endear herself to her associates as their representative.

Dunkirk office, which recently opened at Los Angeles, and which is on the floor above Wilshire office, is a growing and up-to-date affair. But some of us catty Wilshire operators take a malicious delight in referring to it as the "garret" and the "hayloft." This, however, is probably an effort to disguise our envy of the girls who work in the nice new office with its shining equipment.

Mrs. Ethel C. Reynolds, Main office "B" supervisor, Los Angeles, is the proud possessor of a new Durant sport model and is now well equipped to answer the "call of the open road." Each day which is not spent at the office is spent at the wheel of the speedster. Mrs. Reynolds is a very efficient driver and many of her friends have enjoyed the privilege of an outing with her and her car.

Speaking of completed toll calls, they always say "I don't see how Fullerton does it." The following example demonstrates the high efficiency of the Fullerton toll organization. An operator reported to her subscriber that she had his call. He said, "Oh, operator, cancel that call, the truck just came in." The operator called the supervisor and said, "Here's a covered call, covered by incoming truck."

Two important private branch exchange installations were completed on June 1 by the San Diego installation forces, one at the new United States Naval Training Station, which was formerly opened on the morning of June 1. The telephone system consists of two trunks and sixty stations. The other installation was at the new United States Naval Hospital, Balboa Park, a system of two trunks and thirty stations being cut over on that date.

Miss Hilda Quint of the operating force at Upland was married to John Earle Evans of the construction department of The Pacific Telephone and Telegraph Company, now working south of our city on the Los Angeles-Yuma toll lead. Mr. and Mrs. Evans have gone to San Diego to live, Mr. Evans having been transferred to that city.

Mrs. Olive M. Beal, evening supervisor of Fair Oaks office, Pasadena, is the proud possessor of a speedy motor-boat. When Mrs. Beal comes to work on Monday morning with a lovely coat of sunburn every one knows that she has spent Sunday on board her boat. It is a dashing little boat, and not so very little, either. Mrs. Beal is also a dashing young sailor.

The June brides are appearing with startling rapidity. It is difficult to keep up with the rapidly changing names. Another charming Fair Oaks, Pasadena, girl who made a lovely June bride is Miss Marvel E. Ferguson, who was married the latter part of the month. When this appears in print she will have left us to make her own cozy little home.

Main office, Los Angeles, is very glad to welcome Miss Eileen Irwin and Miss Ethel P. Unrau back again. Both girls have been ill for several weeks and have been missed by both the "A" and "B" forces. Also Miss Lois Sharp and Mrs. Elizabeth M. Kline, who have been on the sick list for some time, have returned to the Main office "O" force. Welcome back, girls, and please don't leave us again.

Work has been started on the San Pedro unit for the San Pedro-Catalina Island submarine cable. This equipment will include two three-line repeater units, one telephone repeater test unit, one jack panel, and associated equipment. There is only one other submarine cable that is longer than this will be, it being located between Key West and Havana, Cuba. San Pedro is certainly getting on the map.

Main office "Make a Friend a Day" committee, Los Angeles, is looking forward with enthusiasm to the many new points of interest which can be shown to the groups of visitors shown through the office each month. Our new cafeteria and restrooms can not fail to impress every one that the company is doing all in its power to give its employees every possible advantage as well as giving the public A1 service.

We are glad to quote the following letter recently received from Doctor Leroy B. Sherry, Pasadena, by our manager at Pasadena, C. W. Norris: "May I extend to you my thanks for the speed and courtesy with which your company changed and installed my telephones at 217 Fremont Avenue and 888 Arroyo Drive? Telephones to a doctor are indispensable, and your employees extended me untold service in their work."

As the vacation season progresses Fair Oaks office, Pasadena, is preparing to hear all sorts of wonderful fish stories. They will be told not only by members of our own department, but we know that the plant department will endeavor to impress us with tales of their prowess as fishermen. We would like to hear them, for we think we can match them. There are some very clever fisherwomen on the Fair Oaks payroll.



The operating force of the centralized information, Los Angeles, welcomes the addition of the following new employees: Gladys Browne, Violet Christensen, Edna V. Eberhart, Genevieve A. Wallace, Avice L. Demarest, May K. Woodcock, Eleanor A. Seilheimer, Jennie V. Hedin, Clara M. Snead, Mary E. Stone, Margaret B. Barton, Florence A. Sutter, Lillian A. Gulley, Hallia O. Hodgen, Lois B. Snider, Julia F. Lane, Jessie V. Swank, Theresa Box.

The Western Electric installers under the management of Mr. Mayer have been working for the last eight months on installing six additional sections of No. 1 toll board in our San Pedro office. The work will be completed in another month. These boards are to be used in connection with the San Pedro outward two-number recording toll work. The present No. 10 toll boards are being remodeled for inward work and local. This will greatly help in handling the San Pedro traffic.

Miss Harriett F. Holmes of Fair Oaks office, Pasadena, who recently sang a prominent rôle in a local presentation of the sacred opera "Esther" that was so splendid that the production was taken to several nearby towns, appeared with equal success as the queen in a production of "Belshazzar" the latter part of June. It is always a great pleasure to attend a production where Miss Holmes sings, for her clear diction and lovely quality of voice are a delight to her audience.

We are glad to acknowledge receipt of the following letter of May 24, addressed to Manager Fred Deal, Glendale, from Mrs. Margaret M. Peak Campbell of Glendale: "Will you kindly express to each member of your splendid staff my sincere thanks for the courteous and efficient service which they have given me through Glendale 439-W? As president of the Tuesday A. Club, it has been necessary for me to use my telephone constantly and answer thousands of calls (at least it seems to me and my family I've answered that many)."

The Daily Tribune of Fullerton recently carried the following news item: "On their way to visit the Valencia Orange Show at Anaheim. J. C. Nowell, vice president and general manager of The Pacific Telephone and Telegraph Company, from San Francisco, and N. R. Powley, division commercial superintendent of the Southern Division, from Los Angeles, made Fullerton a visit and expressed surprise and admiration at its growth and progress since their last visit here. They stopped in at the local exchange and commented favorably upon its management."

Did you ever hear of grunion fishing? Very few persons seem to know the details, but it is a sport which is becoming quite popular among several members of the Main office force, Los Angeles. A number of girls, including Mrs. Gruber, McQuain, Fitzgerald, Worley, Jarrett, and Gill, have joned parties and tell of astonishing results. Many grunions out for their moonlight stroll were ensnared in the nets of the fishers. A grunion, by the way, seems to be a sentimental species of fish, which waits for a nice night, a full moon, and a high tide, and then comes upon the sand to enjoy the combination. Many and varied tales

are told of the exact procedure of catching a grunion. When asked what the necessary requisites were, the list was given in the following order: A jolly crowd, firewood, wieners, marshmallows, bathing suits, some sacks which you hold to catch the fish in. Well, we didn't wait for the rest. We have never been grunion fishing, but we did go snipe hunting—once!

The following is an excerpt from an item published by the Hollywood News on June 2, in regard to the installation of new equipment in the Hollywood office, Los Angeles: "Hollywood will receive the first million-dollar improvement given to any section of the city by the Southern California Telephone Company in this year's \$14,000,000 expansion program when tonight at 12 o'clock the new 10,000 telephone switching unit at Hollywood wire center will be 'cut' into service."

On May 25 the private branch exchange supervisors of Los Angeles were the guests of honor at a surprise birthday dinner given in honor of Miss Della Fally, one of the supervisors, at the home of her sister, Mrs. Grace Zimmerman. After "devouring" the delicious dinner, an evening of music and games was enjoyed. The girls presented Miss Fally with a stop signal for her coupé as a birthday gift. Naturally, all feel a kindly interest in the coupé, knowing so well that it comes first with the owner. When the time came for departing, all expressed regrets because it is not possible for Miss Fally to celebrate her birthday oftener than once a year.

In this inviting month of June, when every one's fancies are centered on frolicking and joviality, the San Bernardino traffic department employees were the hostesses of a merry group of coworkers of Riverside, Colton, Highland and Rialto. E. L. Miller and T. W. McIntosh of the traffic engineering department, Los Angeles, were also present. The party was given in the rooms of the Edison Club. Dancing was enjoyed and at a late hour refreshments of ice cream, cake, and punch were served. Every one had a "wonderful" time and were reluctant to leave when the orchestra finished playing "Home, Sweet Home." We wish to express our appreciation to the Edison people for their generosity in the use of their club rooms.

The long threatened, much dreaded, universally talked-of day has come. The predictions of a number of Main office prophets, Los Angeles, that it was going to be an "awful nuisance" are forgotten and they are smilingly saying that it is "not so bad." The greatest nuisance of all came in cleaning out the lockers. Old relics, many of them useless but dear to the heart of their possessors, were regretfully labeled "trash" and placed with their fellows in the waste-basket. Many an old coat and sweater, not so good to look at but a comfy thing for chilly days, went wending its way to the Salvation Army to be dealt with as they saw fit, and perhaps find another home in which to spend its declining days. One girl was seen leaving her locker for the last time with two hats, a sweater, a coat, and three umbrellas—in June! However, now that the last remains are carried away, every one is glad to go into the



new building, with its checkroom, and with the very efficient checking force it is plain to be seen that the new system is an advantage rather than a nuisance.

One of the lovely expressions of the appreciation of the subscribers of Fair Oaks office, Pasadena, for the service rendered by the operators was received recently when a prominent broker sent a box of delicious oranges to the office. They were exceptionally lovely, having been secured from the packing house where they were packed for shipment to New York. Californians eat delicious oranges, but the pick of the crop is always shipped East and when one is able to get oranges intended for Eastern shipment it is an unusual treat.

An interesting party the middle of May, in honor of Mrs. Olive Sheeley, Colorado chief operator, Pasadena, at the home of Miss Frances E. Hubbard of Fair Oaks office, served a dual purpose. It was arranged as a farewell party for Mrs. Sheeley, from Fair Oaks office, on the occasion of her transfer to Colorado office, and as such there was a shade of sorrow mixed with the gaiety. The second purpose of the party, and the one that came as a complete surprise to most of the guests, was the announcement of the date of Miss Hubbard's wedding, which was nearer than her friends expected. Many charming social courtesies are being arranged for Mrs. Butler, née Hubbard, when she is again at home to her many friends after her return from her wedding trip.

The operators of the El Cajon telephone exchange gave a party at their local office May 29. The office was decorated for the occasion with the national colors and flags. The evening was spent with games and music, which lasted until a late hour. A feature of the evening was fortune-telling by Mrs. R. R. Gillespie of Bostonia, which was enjoyed by all. Refreshments served were sandwiches, salad, olives, coffee, cake, ice cream and punch. The invited guests were Mr. and Mrs. C. A. Stevens, Mrs. Carl Nelson, R. J. Hadden, Mr. and Mrs. Charles Trader and daughter Kathryn of San Diego, Mrs. Gertrude Updyke and Mrs. Marguerite Self of the La Mesa exchange. The hostesses were Mrs. Ruby Owens, chief operator; Mrs. Adelaide Salter, Mrs. Margaret McInnis, Miss Cora White, and Miss Arabell Strader.

A charming wedding of late May took place on May 25 when Miss Frances E. Hubbard, daughter of Mr. and Mrs. J. H. Hubbard of Pasadena, and James M. Butler, son of Mr. and Mrs. J. M. Butler of Altadena, were married just as the shadows fell across the mountain tops. The bride was charming in her wedding gown of white crêpe de chine and chic white chapeau. Instead of an arm bouquet Mrs. Butler wore an exquisite corsage of orchids and lilies of the valley. Her only attendant was Mrs. George Butler, sister-in-law of the groom. Mrs. George Butler, as matron of honor was gowned in a lovely frock of panel green georgette crêpe with picture hat to match. She wore a corsage of Cecille Brunner roses. George Butler served his brother as best man. After a reception for relatives and a few friends Mr. and Mrs. Butler left on a short motor trip. They

are planning a longer tour during the summer when Mr. Butler can get away from his business for a longer period. Mrs. Butler is switchboard clerk in Fair Oaks office, Pasadena.

The following letter was recently received by C. W. Norris, manager of the Pasadena exchange, from C. S. Conner, secretary manager, Pasadena Merchants Association, Pasadena: "Will you kindly extend to the young women who so cleverly entertained at the dinner of the Pasadena Merchants Association on Thursday the sincere thanks of the directors of the Pasadena Merchants Association for their courtesy in assisting us in putting over a delightful evening. The various numbers rendered by these young women were clever indeed, and we have heard much favorable comment on the quality of the performance. Also, we desire to thank you for the favor in assisting us in making the evening a success. Also permit me to add my personal thanks to you and to the young women for the courtesy."

At a charity ball given by the girls of Fair Oaks office, Pasadena, in May, there were many special attractions that helped to make it a splendid success, and not the least of these attractions was the handsome loving-cup donated by Newton I. Hancock, of Hancock's Music House, and known as the Hancock Cup. It was to be awarded to the most popular dancer and was won by Miss Grace M. Moore, of Fair Oaks office. The contest was close. From the beginning of the prize dance the judges had difficulty narrowing the choice of prize winners. When there were but two couples on the floor it looked as if Mr. Hancock would have to donate two cups. The other couple were from a dancing academy, well known in dancing circles of Pasadena and had many admirers, but after several rounds the applause unquestionably awarded the cup to Miss Moore. When our dancers win over professionals in an open contest, it seems just another proof of the versatility of the Fair Oaks girls.

Miss Travis, of Sunset office, Los Angeles, has put the news of that office into verse and here it is:

Hello! This is Sunset, may we have the line?
We have lots to say—if you give us time.
In Mr. Littig's office they have some one new,
Her name is Winkenweder and we liked her too.
Someone attractive too—over at Boyle—
Gertrude Parker's there and we know she'll be loyal.

Miss Maggard will work with us again for a while
And Eva Gorman, too, seems to like our style.
Edith Pitman we thought we sure would lose,
She returned, too, and knew what office to choose.
The neatest little magazine you ever did read—
Miss Blanchard, the editor knows just what her section needs;

It mentioned all the operators and left no room
for doubt,

Society news within and pink inside and out.
A bit of scandal old Sunset does show
When a number of supervisors to Venice did go.
Why they were short on their nickels and dimes,
We know and why they wish for more such times.
All next day—oh—how the office did hum—
"Tales of the funny house" and how much damage was done.

That's not all, we know just what you'll like—
It's Miss Leeman's cabin and about our "hike."
'Twas Decoration Day and we wish you all were there,

A place like that will drive away dull care;
Plenty to eat and an all 'round good time—
We'll ring off now 'cause someone else wants the line.



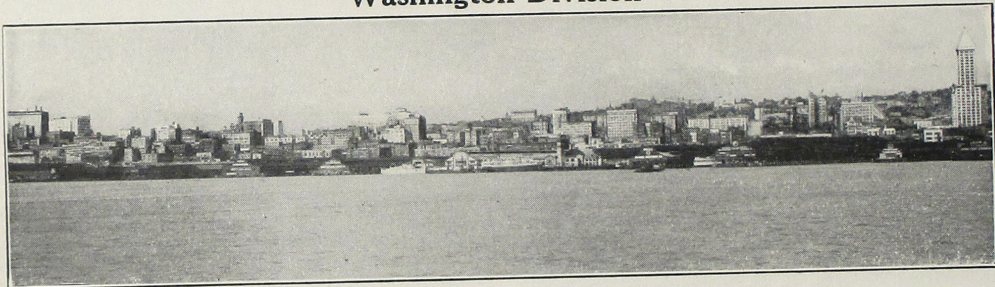
The girls of the Glendale office recently gave a party in honor of Pearle E. Tucker and Mabel Stranne. Miss Tucker was leaving for her home in Iowa and Miss Stranne for her home in Seattle. The rooms were beautifully decorated in Japanese lanterns, with lavender and pink crepe paper. After a pleasant evening of games and refreshments, all wished the girls bon voyage. Miss Viola Blodgett of Glendale office, also entertained, at the home of her parents, in honor of Pearle E. Tucker.

The following letter, dated May 21, was received by our manager at San Pedro, Fred W. Smith, from John H. Blackburn, Commander, U. S. N., Commander U. S. S. *Cuyama*, San Pedro: "As an offset to the many complaints coming in against the telephone company I wish to express my earnest appreciation of the wonderful telephone service rendered by long-distance operator number 29. On May 19, I called a party in Los Angeles who did not answer. Number 29 continued to call this party and informed me continuously whether or not this party could be reached. Today, May 21, she informed me that

she had located the party called. The splendid spirit shown by number 29 is an inspiration to those who use the telephone service, and I trust you will communicate to her my deep appreciation of her efforts." Mrs. Kathleen A. Starr is operator 29.

It was very kind of Santa Monica to make the mouths of Fair Oaks, Pasadena, girls water at the thought of Santa Monica's delicious St. Patrick's Day candy. We had only one regret, and that was that our MAGAZINE items had already gone in when your item was published, so there had to be a lapse of a month before we could answer you. We are glad, honest to goodness we are, that other offices in the Southern Division have clever talented people besides ourselves. We like to hear about your people who help make things interesting at your office. It doesn't matter whether you are Santa Monica down by the sea or a two-position office up in the mountains—if you have interesting people or have been doing interesting things, write us a nice chatty letter and tell the rest of the Bell family about it in the PACIFIC MAGAZINE

Washington Division



A Sky-Line View of Seattle, Division Headquarters

*Division Superintendent of Traffic, E. L. BREENE.
Division Commercial Superintendent, W. J. PHILLIPS.
Division Superintendent of Plant, H. J. TINKHAM.*

W. C. Barbour, district superintendent of plant, was a recent Lewiston visitor.

On June 11 G. E. McFarland, president of our company, made a brief visit to Seattle.

Miss Dorothy Smith of Orchard office, Opportunity, has been transferred to Seattle.

Miss Esther Edlund of the Colville, exchange, was recently transferred to Oakland, Cal.

Miss Olive Beedle is again on duty at Orchard office, Opportunity, after an illness of many weeks.

F. I. White, district traffic superintendent of Seattle, was a recent visitor at the Bremerton exchange.

Miss Nellie Tyler was transferred to Sunset office, Seattle, as central office clerk, to succeed Miss Allan.

Miss Mary Perry, Main office, Spokane, has become the bride of Mr. Pardon Hunt. Miss Elsie Lindert, also of Main office, is now known as Mrs. Cecil Miller.

Frank Thompson, agent at Farmington for the past several years, has resigned, being succeeded by T. H. Osborn.

J. E. Greer, division commercial supervisor, Seattle, spent several days in Spokane during the latter part of May.

Mrs. Mona Swartwood and Mrs. Blanche Allan, operators, Glendale office, Seattle, have resigned to assume home duties.

C. E. Jolly, our manager at Yakima, recently made a business trip to division commercial headquarters at Seattle.

T. W. Searle, chief clerk, to the manager at Seattle, attended the national Shrine convention at Washington, D. C., during the week June 4 to 9.

The girls of Main office, Tacoma, were surely surprised to learn that Mrs. Hilda Cooke had been Mrs. Hilda Lawhome for the past eight months. We wish you all the luck in the world, Hilda.



Miss Margaret Sanborn, Main office, Spokane, left for Oakland, Cal., on May 13. She reports a very pleasant journey.

Miss Marguerite Ellerman, Sunset office, Seattle, was appointed central office instructor, succeeding Mrs. Margaret Bemis.

Miss Rosina Tuttle, chief operator, Centralia, left June 4 for a month's vacation in the mountains around Priest Lake, Idaho.

Miss Wilma Rotruck surprised the employees of Sunset office, Seattle, by announcing her marriage to Edward McKay on May 23.

Miss Zepha Creighton, operator, Main office, Spokane, has resigned to accompany her parents on a motor trip of the Pacific coast.

Miss Harriett Pineo, operator at Raymond, spent her two weeks' vacation visiting relatives and friends in Seattle and Wenatchee.

Mrs. Orrel McKevitt, Commercial P. B. X operator, Spokane, was confined to her home during the first week in June by an infected eye.

Miss Elva Johnstone, Main office, Spokane, has been transferred to San Francisco, where she will make her home with her parents.

Cupid has also penetrated the walls of Glendale office, Seattle, and selected Miss Doris Sullivan to accompany him along "Matrimony Lane."

The Western Electric Company are installing an additional storage battery unit in the Lewiston office, providing forty-eight volts for toll circuits.

A crew of about forty men, under Foreman Carl Stier, are rebuilding the toll line and stringing new copper circuits between Lewiston and Lapwai.

Division Commercial Engineer W. C. Pickford, Seattle, and H. G. Morrissey of his staff spent several days in Spokane during the early part of June.

H. G. Bates, supervisor of telegraph, San Francisco, called on the division commercial superintendent of Seattle to take up matters in line with his duties.

The employees of Kenwood office, Seattle, were very glad to welcome Mrs. Nellie Altizer upon her return to duty after a long period of absence due to illness.

Mr. and Mrs. Albert Rivette are the proud parents of a bouncing baby boy, born on May 13. Mrs. Rivette was a former operator at Main office, Tacoma.

The Highland girls at Spokane regretfully gave up Mrs. Margaret Goodwin when she resigned to take a motor trip to California. She plans to stay for some time.

Miss Geraldine Koebler, formerly commercial stenographer at Bellingham and now with the Seattle directory department, was a Bellingham visitor in May.

F. H. Crosby, who has been associated with independent telephone companies for many years, stopped off at Seattle and while here called on W. J. Phillips, our division commercial superintendent.

Miss Agnes Schuster surprised the Spokane Glenwood office employees recently when she told she had been married since the first of the year and is now Mrs. Rauth.

Miss Elsie Stover and Miss Inez Worley, formerly employed at La Grande, Ore., and Miss Florence Allen of Wilcox, Wash., are new employees at the Colfax office.

Miss Jessie Gaines, chief operator at Colfax for the past four years, has recently been transferred to Vancouver. Miss Gaines is succeeded by Miss Patricia Donnelly.

One hundred per cent of those eligible in the Tacoma commercial department are now members of the Washington Division telephone employees' mutual benefit organization.

Mrs. Alta Anderson has been transferred to Beacon office, Seattle, as evening chief operator, to succeed Miss Viola Wilderman, who has been transferred to Glendale office.

Miss Viola Newbanks, operator, Kenwood office, Seattle, resigned recently to assume home duties as Mrs. Jean Thorp. Kenwood office always has been a rendezvous for Cupid.

Miss Lillian Dery and Mrs. Mona Bridges were recently added to the Glenwood operating force, Spokane. Both were formerly employed in the exchange and are welcomed back.

Miss Carolyn Falskow has just been added to the collection force, Tacoma, filling the vacancy left by Miss Helen Carr, who resigned May 15 because of the serious illness of her mother.

Mrs. Warner Keyser, of the traffic department, is leaving Olympia this week to make her home in Aberdeen. All the employees wish her success and happiness at her new place of residence.

George Ellingwood, salesman in the business office at Seattle, has been working during the past month at the Port Angeles office in connection with the transfer of that office to this company.

Miss Emelia Rhodine, stenographer in the manager's office, Spokane, has returned to her duties after being confined to her home for several weeks by an attack of influenza and bronchitis.

Miss Mae Knight has been appointed evening supervisor at Garfield office, Seattle, succeeding Miss Margaret Roccia, who was transferred to Rainier office in the capacity of evening chief operator.

On May 31 the girls of Main office, Tacoma, gave a surprise shower to Miss Elizabeth Giblett at her home on McKinley hill. The evening was spent in music and games, after which a luncheon was served.

Miss Maybel Arnold, Main office, Tacoma, stole a march on her friends by getting married in Seattle to Louis Brebner. The young couple are at home to their friends at South Seventh and I streets, Tacoma.

Another of Maxwell office, Spokane, has succumbed to the wiles of Dan Cupid. This time it is Miss Pearl McClelland, who became the bride of Guy Winship. We all extend congratulations and best wishes.



On June 1, Miss Ida Skillman surprised the girls of Main office, Tacoma, by announcing her marriage to Mr. Salyer. The wedding, which took place two months ago, had been kept a secret by the young people.

B. H. Callison, of the commercial department, Spokane, and his family recently motored to Kennewick. Mr. Callison visited the exchanges at Sprague, Ritzville, and Lind, and our sublicensee at Connell on the trip.

Miss Grace Card, Beacon office, Seattle, has returned from an extended trip through the East, and after encountering a snowstorm and various other kinds of weather she was very glad to return to Seattle and its wonderful climate.

Mrs. Helen L. Cathers, who has been a stenographer in the Seattle business office during the past three years, resigned on June 1 and will hereafter make her home at Long Beach, Cal. She has been succeeded by Miss Helen F. Koller.

The Misses Dobbins and Engdahl are our most recent acquisitions as supervisors at Main office, Tacoma. Both of these young ladies have worked hard and faithfully at the switchboard, and the Main office people rejoice at their promotion.

The company participated in the industrial parade held in Vancouver as a feature of Progress week. The service car, the big White truck, and two touring cars filled with young ladies of the traffic department appeared in the procession.

A new switchboard has been installed at Farmington and the exchange enlarged by the addition of a number of former subscribers of the Central Farmers Telephone Company, the above company having discontinued its exchange at that point.

Orders have recently been taken for a three-position multiple switchboard for the Chicago, Milwaukee and St. Paul Railroad at Seattle and a four-position multiple switchboard for the Seattle office of the Pacific Steamship Company.

On May 16 the girls of the commercial department, Tacoma, left the office shortly after 5:30 for the home of Miss Corinne DeMarais. After cooking their dinner, of which all ate heartily, the girls enjoyed the evening in dancing and singing.

Miss Storaasli, chief operator at Madison office, Tacoma, and her coworkers have received a useful "present" from the Western Electric Company in the form of some additions to the Madison equipment to take care of the growth in that busy district.

On June 4 Miss Ethel Young, chief operator at Olympia, entertained the employees of the traffic department in honor of Miss Erma Hull, who is leaving the employ of the telephone company. There was a large attendance and the evening was greatly enjoyed by all those present.

The Lewiston *Daily Tribune* printed an article on May 1 which said: "Twenty years ago today the Pacific Telephone and Telegraph Company had 330 telephones at that date and today we have better than three thousand telephones connected with the Lewiston exchange, or nearly ten times the number in May, 1923, than we had in May, 1903."

L. W. Brehm, commercial cashier, Tacoma, returned on May 28 from a vacation spent in delightful trips about the state. Mr. Brehm especially enjoyed a trip to Hoods Canal gathering the famous Washington rhododendrons, which were at that time in their full beauty.

Bellingham visitors during the Tulip Festival celebration in Bellingham were: H. Glen Morrissey of the division commercial engineer's office, John Harris and F. S. Flickinger of the division plant engineer's office, John Glover, manager at Kent, and Fred Martin, wire chief at Renton.

Thursday evening, May 17, Mrs. Leonard Swanson, née Doris Crosslin, former operator at the Bellingham exchange, entertained the supervisory force and information operators at her home. A delightful evening was spent in music, games, and dancing, after which a dainty luncheon was served.

The two noted hikers, Miss Thelma Mickle and Miss Lillian Ekstrom of Maxwell office, Spokane, have returned from their vacation and report a hike of about 220 miles, extending over the Canadian border. Of course, the girls accepted rides, but say that the greatest part of the journey was made "on hoof."

The traffic employees of the Colfax office gave a farewell party at the home of Miss Ruth Thomas, May 12, honoring Miss Vera Cutting, operator, who has been transferred to Lewiston, Idaho. A very delightful evening was spent with music and conversation. Dainty refreshments were served at a late hour.

An educational party was held at Main office, Spokane, on May 11. Four-minute talks were given by the chief operator, central office instructors, supervisors, and operators. Some Spanish dancers from our late minstrel show entertained. The girls sang and refreshments were served. A jolly good time was reported.

Manager George A. Walker, Spokane, and Special Agent E. E. Crandall, Spokane, visited all of the exchanges and sublicensees in the northern and western part of the Spokane territory on a recent trip of inspection. They traveled by motor, and report business conditions and crop prospects to be excellent in that section of the territory.

Miss Emma Vollman, former assistant district cashier of the Inland division, at Spokane, and now assistant division commercial cashier at San Francisco, spent her vacation by renewing old acquaintances at Spokane in May. During her stay in Spokane a very pretty luncheon was given in her honor at Culbertson's tea room by the commercial employees who were associated with Miss Vollman when she resided in Spokane.

The ranks of the wearers of service pins were swelled in the Seattle long-distance room during May by the addition of Mrs. Ella Wasser and Mrs. Mary Bugay, both of whom reached a period of five years' continuous employment during the month. In addition, Miss Anna McDonnell, Seattle long-distance chief operator, is wearing a three-star service pin received during the month. Congratulations, folks; you have something to be proud of.



The Seattle traffic organization was agreeably surprised during the month of May upon receiving a visit from an old associate, C. L. Hunt, district traffic superintendent at San Jose, Cal. Mr. Hunt appeared rather unexpectedly, wearing the same old smile that endeared him to every one in the Seattle district when he called this territory "home." Come again, Mr. Hunt.

On May 30, H. V. Collins, manager of Aberdeen exchange, entertained the commercial employees of Aberdeen and Hoquiam at his home for a conference on general subjects of interest. During the evening Gladys M. Murphy was presented with her service emblem for five years' service and during the latter part of the evening the party enjoyed a light luncheon prepared by Mrs. Collins.

An informal luncheon attended by several of the division and district traffic men was arranged May 21, 1923, to mark the departure of George E. Kellogg, formerly of the district traffic organization, Seattle, who has been transferred to Tacoma, Wash., in the capacity of district traffic superintendent. Best wishes were extended to Mr. Kellogg in his new field of endeavor by many friends in the Seattle traffic organization.

Toll service connecting Rainier National Park with Tacoma has been resumed for the 1923 season. Each year a plant man from Tacoma is loaned to the park service to supervise general repairs necessary to the government lines within the park after the rigorous winter. A. M. Standish has performed this job so satisfactorily to the park superintendent in previous years that he is now in charge of this season's work.

Miss Mamie Jacobs, Tacoma long-distance operator, and Miss Jessie Lyons, clerk in the Tacoma long-distance office, were recent visitors in the Seattle long-distance room. Their visit was very enjoyable and profitable to the Seattle and Tacoma forces as well. A large volume of traffic is handled daily between the two cities and these "get-togethers" are helpful in creating a mutual understanding of each others' problems. Come again, Tacoma folks.

Spokane Highland office is sorry to lose Miss Frances Hepton, who has resigned on account of ill health. Miss Hepton is spending several months in Alaska visiting relatives. A farewell party was given in her honor at the home of Mrs. Alice Lamb. The evening was spent in card playing, the game of "Pit" causing much excitement. Refreshments were served at 10:30 and Miss Hepton was presented with a beautiful basket of flowers worked out in a color scheme of pink and blue.

Cupid filled his quiver, put on a new bow-string, and got busy on the Seattle long-distance forces again during May. Two young ladies in this office became his targets and he made clean "hits" in both cases. Miss Veleta Corno was the first to succumb to his wiles, and became the bride of T. J. Fortin of the Great Western Motor Company of Seattle on June 11, 1923. Miss Myrtle McKenney came next, and became the bride of V. S. Sharp of the Snoqualmie Falls Lumber Company on June 19, 1923. The associates of these young ladies all extend heartiest congratulations and good wishes.

On the evening of June 8, Miss Bertha Matzenauer, a coming bride, was pleasantly surprised at a party given by Miss Olga Larson of the Tacoma commercial department at her home on North Nineteenth street. Miss Matzenauer was presented with a beautiful sewing basket fitted with all the necessary articles for the home dressmaker. During the evening each girl made some article for the new home. At a late hour dainty refreshments were served at a table of lavender and yellow appointments.

Western Electric installers under the supervision of C. L. Shaw have completed the installation of one plugging-up board and two new toll positions in the operating room at Olympia. Three additional positions are to be installed in the near future. The outside construction work provided for under estimates 20576, 20604, and 20578 is now well under way and will be completed about September 15. The completion of this work will mean additional facilities which will furnish much needed relief in this district.

The record of the vacations of the commercial employees at Spokane reads like the log of a gypsy party. For instance, Miss Rose Markowitz spent her vacation at Seattle and Portland; Miss Gertrude Chapman motored to Lewiston, Idaho, and other nearby points; Stanley Murray visited in Seattle; Charles Kalb motored to Aberdeen to visit his parents; Miss Sylvia Paffenroth is reported to be on a fishing expedition across the border in Canada, and Mrs. Ella Sharp, assistant cashier at Spokane, is motoring to San Francisco, from where she expects to go to New York.

Early on the morning of June 8 traffic officials of the Washington Division were puzzled by a sudden congestion on the toll lines. It was unscheduled and entirely unexpected. Finally the source was discovered. Its origin was due to the wide acquaintance of Harry M. Durston, division commercial supervisor, Portland. And Harry just at that time was sure that his acquaintance and popularity knew no bounds of distance or numbers. The mystery and the congestion cleared up simultaneously when he was discovered in the process of broadcasting throughout the entire Pacific Northwest announcement of the arrival on June 7 of a brand-new daughter in his household. Congratulations, Harry, from the Washington Division.

The Northern Pacific Railway Company has just placed an order for an 80-line P. B. X. switchboard, to be placed in its car shops at South Tacoma, which will be equipped with two trunk lines connecting to the Madison exchange and three tie lines to their P. B. X. in the Union Station which works into the Main exchange. The initial installation of forty-two stations will replace privately owned instruments previously operated on their private lines. They have also placed orders to consolidate the P. B. X. now located in the freight sheds at the head of the bay with their main P. B. X. in the Union Station. This will add fifteen stations and five trunk lines to their two-position multiple switchboard. This rearrangement and the new installation at South Tacoma with the tie line should work out very satisfactorily and be a decided improvement over the old arrangement.



On Memorial Day, Manager and Mrs. F. R. Smelser invited the Misses I. Evelyn Embree, Marie C. Freund, and Evelyn H. Furrer of the Centralia and Chehalis business offices as their guests for the day. The morning was devoted to a foursome at the golf links which happily resulted in a tie. When the hour for luncheon arrived no appetites were lacking and all did justice to the basket lunch. After lunch the baseball game between the Washington Division and Oregon Division employees was attended at Centralia.

The following is taken from a circular letter which was broadcast by the Spokane Bakery Company, Spokane, a copy being sent to our office at Spokane: "There Are Dividends in a Telephone Smile: Dividends in the good feeling and friendliness it creates; dividends in the knowledge that by telephone courtesy and cordiality you win the higher regard of friends and associates; and dividends in the fact that your telephone smile makes the day run smoother for yourself and for others. Our telephone department puts the smile in their voices and collect dividends in more and larger orders for Butler-Cup ice cream."

A very delightful time was enjoyed by the girls of Proctor office, Tacoma, on the evening of May 25, at a bridal shower given in honor of Mrs. Engersoll, formerly Miss Alice Nelson. The room was attractively decorated in pink and green. A very smart luncheon was served later in the evening and the favors placed on each plate were of little china dolls dressed in the same color scheme as the room. Dainty pictures were hung around the room and in back of one was hidden a photograph of the groom, and it was left to the girls to guess which picture. Miss McDowell being the lucky guesser, won the prize.

The employees of The Pacific Telephone and Telegraph Company and their friends gathered in St. Lukes hall, East Ninth and C streets, Vancouver, on the evening of May 18, to enjoy a delightful party. The entertainment consisted of a musical program, cards and dancing. The numbers of the program included vocal solos by the Misses Georgianna Wornom and Mary Carson and Jerry Karstetter. The piano accompaniments were played by Miss Lois Douglas and Mrs. Fred Merryfield. During the program a clever Scottish dance was given by Miss Estalla Patterson. At a late hour light refreshments were served.

By a rising vote of appreciation, the Pacific Blue Bell Club of Seattle acknowledged the work of its retiring officers at the time of its annual election, May 17, in the assembly hall of the Telephone Building. The enthusiasm and earnestness of the retiring president and secretary treasurer had done much to bring the organization to the point where it promises to grow rapidly in interest and usefulness. The meeting was one of the most successful that has been held. E. G. Fensler, division supervisor of directories, gave the "Story of the Directory" in a very instructive manner, which held the attention of the audience during the entire discourse. The Bell Club orchestra enlivened the evening; a magician mystified the crowd; the Bell Club song was joined in by everybody, and the spirit of good-fellowship prevailed. The new officers are: L. K. Weber, traffic

toll supervisor, president; F. W. Baum, engineer, vice president; C. L. Jolly, counterman, secretary treasurer. Trustees: J. M. Abbott, C. O. repairman; G. W. Benedict, complaint supervisor; M. E. Brown, clerk. L. K. Weber, newly elected president, had served as vice president during the year just ended, and C. L. Jolly, the newly chosen secretary treasurer, had been a member of the board of trustees. Together with the new board they are outlining a program of educational and entertainment features designed to arouse widespread response. The retiring officers were: F. E. M. Jones, supervisor of plant training, president; L. K. Weber, traffic supervisor, vice president; A. L. Newhirter, supervisor of accident prevention, secretary treasurer; C. L. Jolly, counterman. G. E. Kellogg, traffic chief; B. Foutch, construction department, trustees.

On the evening of May 11 the home of Mrs. L. W. Phillips was the scene of a very pretty party given in honor of Miss Eva Frink, operator, Walla Walla, who became the bride of E. E. Knette, a prominent farmer of Pomeroy, on June 16. The rooms were very effectively decorated, a color scheme of pink and white being used. The lights were softly subdued in pink, and large baskets and vases of beautiful white snowballs were in evidence everywhere. Pink punch was served from a dainty booth throughout the evening. Pink bell-shaped cards, on which a "Tale of Love Is Told" was presented, underneath which tiny hearts were hidden, announced the engagement. Some very clever and original games and contests, together with several appropriate vocal selections and readings, furnished amusement. At a late hour dainty pink and white cakes, ice cream, and candies were served to about sixty friends and coworkers of Miss Frink. The entire operating force extend to Miss Frink their most sincere and best wishes for the future.

We are now installing for the Seattle National Bank supplemental mechanical equipment to be used in connection with their private branch exchange. This supplemental mechanical equipment will make it possible for communications between stations to be carried on mechanically and without the aid of the switchboard operator. Sixty stations, which is the total number of stations on the private branch exchange of this bank, are equipped mechanically for intercommunicating purposes. This is the first installation of this character which we have completed for any subscriber in Seattle. In connection with this installation the following letter has been received from the bank complimenting our employees on the character of their work: "Regarding the telephone system in our new building, we thought you would be interested to know that we appreciated the very courteous attention that was given by Messrs. Frank O'Neil, J. Monosmith, C. Ulbright, J. Nolan, R. Daniels, J. Baxter, and Luther L. Hulburd, to its installation. Details were very carefully looked after and thoughtful consideration was given to our every request. The installation required considerable overtime, which taxed the men to a great extent, especially Mr. O'Neil, but they were always alert in doing their best to facilitate their own as well as the work of others that they came in contact with."



The Pacific Telephone Magazine



On the afternoon of May 26 Miss Oleatha Toms, operator, Bellingham, was struck by the Northern Pacific train, while crossing the railroad track, throwing her about twenty-five feet, breaking her leg, injuring her internally, and bruising her body very badly. Miss Toms was unconscious for several hours. From last reports she is doing nicely. Miss Toms expressed her appreciation of the lovely flowers sent her by the Bellingham girls by means of the following cleverly written little poem:

DEAR GIRLS

As I look at the beautiful roses,
And think of you dear girls all,
I'm wond'ring how I can thank you
While you're busy taking the calls.
I can hear your cheery voices,
And in the roses I see your smiles,
And though maybe you think I'm lonesome,
I am with you all the while.
'Tis true, it's much I miss you,
But things could be much worse;
You know my motto always was—
"Just smile, even though it hurts."
So I'll just scribble the same old phrase,
Which is simple and not very new,
But somehow I know you'll understand,
For the roses, dear girls, "I thank you."

All of the Tacoma central offices have a figurative "Welcome" on the doormat for their patrons. Feeling that the public in general is interested in knowing something about how telephone calls are handled, realizing that the knowledge will make for more cooperation, and hence better service, the Tacoma operators have undertaken to extend a personal invitation to every subscriber to visit them at the office and watch them at work. Through the Plan of Representation, committees have been formed in each office to attend to the details of inviting and entertaining Mr. and Mrs. Subscriber and Miss Subscriber. The Tacoma Rotary Club responded to the invitation en masse, and every Tacoma Rotarian is now able and anxious to testify to the fact that our girls are charming hostesses as well as living embodiments of the "Spirit of Service." Other civic and social organizations are planning on visiting us soon. One of our most recent visitors was Miss Peggy Allenby, leading woman with Leo Dietrichstein, well-known theatrical star. Miss Allenby's charm and her wholesome interest in the girls and their work made her a great favorite and the committee prevailed on her to tarry long enough to meet representatives from all the central offices in the city and give them a summary of her impressions. "There are many compliments that I might pay you," said Miss Allenby, "but one thing above all has impressed me during my visit here and in my use of the telephone in Tacoma—that is your voices. In my work I do not rely wholly upon my voice to convey my meaning to my hearers. I have expression and I have gesture to assist me. But here in the office you girls must rely wholly on your tone of voice, your inflection, and your emphasis to tell your story to your public. A gesture or a smile can not help you. The fact that when I pick up a Tacoma telephone I can visualize an alert, interested, intelligent young woman, testifies to how well you have made use of that most important asset, the voice. Your phrases do not sound mechanical—they convey a real meaning to me. They sound as though they had something to tell

me, that you were sure you wished me to understand. They express regret when 'The line is busy' or 'They do not answer.' They express a willingness in the 'Number, please,' and they seem to tell me of a real joy in accomplishment when they pronounce 'Here's your party.' From now on I will not only see a telephone, but I will see a splendid body of young women; I will recall your restrooms, your offices, your poise and pep. Another thing that I have noticed is the pride you take in your period of service. With me, each year means uncertainty, a different environment and possibly no advancement over the previous one. But here you have practical incentives to stay with it in your benefit plans, your service emblems, or the various promotions that open up."

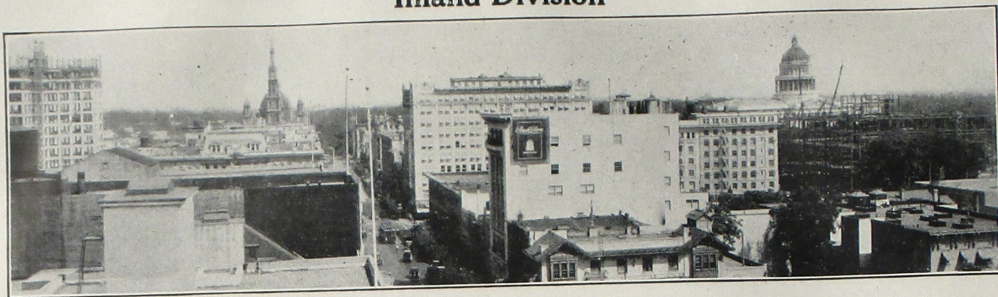
On the evening of May 18 the employees of the Vancouver exchange, with a few guests, gathered for social enjoyment in St. Luke's Hall. Miss Mary Carson, Miss Georgeann Wornom, and Jerry Karstetter entertained with vocal solos, and Miss Estella Patterson with Scottish dances. The rest of the evening was spent with cards and dancing. Dainty refreshments were served by the young ladies. The hostesses were Mrs. Fred Merryfield, Miss Dueich, and Miss Lamka. During the evening a tentative organization was effected and a committee appointed to prepare for a permanent organization of telephone employees. June 8 a meeting was held and the Telco Club organized. Fred Merryfield was elected president, Miss Lucile Lamka vice president, and Miss Carolyn Dignam secretary treasurer. The object of the club as set forth in its bylaws shall be "To promote good fellowship and better understanding among all the employees of The Pacific Telephone and Telegraph Company and to make their work of greater service to the public, the company, and themselves." Monthly social meetings will be held.

Our pay-station attendants are often asked queer questions and requests are often made of them which are very foreign to the telephone business. Mrs. Minnie Clark of the Hoge Building pay station, Seattle, probably has the distinction of being the only attendant who has been given the opportunity to act as a "Home-Finding Society of One" while on duty. During the latter part of May a man came into this pay station and inquired of Mrs. Clark where he could find a baby to adopt. He stated that said baby must be less than three months old, must be a boy, and sundry other specifications as to race, color, complexion, etc. Mrs. Clark gasped, and then, to show the resourcefulness of the trained telephone operator set to work to find a baby which conformed to the specifications in all details. After calling a large number of home-finding societies, founding asylums, hospitals, doctors, and, in short, any one who might have any knowledge of a young man who desired a good home, he was finally located and our patron left, well satisfied. Was the baby adopted? We don't know. He promised to call and tell Mrs. Clark, but he never did. Probably was too excited when he at last found the baby.

I'm looking back to see if they
Are looking back to see if I
Am looking back to see if they
Are looking back at me. Exchange.



Inland Division



A Sky-Line View of Sacramento, Division Headquarters

*Division Superintendent of Traffic, O. COLE, JR.
Division Superintendent of Plant, E. H. LONG.
Division Commercial Superintendent, F. L. McNALLY.*

Miss Dorothy Bird McIntosh has recently been reëngaged at Quincy.

Mrs. Gertrude Layton has been appointed chief operator of the Kingsburg exchange.

Miss Ivy Gerkin, operator, Sacramento Main office, recently changed her name to Housh.

Mrs. Mary Ely and Mrs. Gladys Chapman have been appointed supervisors in the Fresno local organization.

Miss Kathleen Dingle, inward toll operator, Sacramento, has been appointed to the position of supervisor.

If any one wants to know what it is that makes Repeaterman Sory's Ford look like a million dollars, we'll say it's the motometer.

Mrs. Rose O'Dell has been appointed ticket clerk, Sacramento toll office, succeeding Mrs. Bruce, transferred to Los Angeles.

Sam Morris and his prize-winning crew would like to have the world know that they have the honor of being on construction work in Hanford.

Mrs. Helen Waltmire has been promoted to evening central office instructor of the Fresno local organization. Mrs. Waltmire is succeeding Mrs. Catherine Britton, who is resigning.

From all appearances it looks as though there will be an early winter, as John Heavey of the Stockton exchange has already started his yearly baseball mustache for the coming cold weather.

Woodland is the first exchange to go into the pageant business and show a profit. Manager Light equipped a float costing \$22.50 and emerged from the May Day parade with a \$25 cash prize.

W. "Bill" Dean, P. B. X. installer from Fresno, has just completed the work of installing a 30-line P. B. X. switchboard, replacing a 20-button No. 2 ICS system for the Goldstein-Isleman Company, Visalia.

Mrs. Mae Honn, who was recently transferred to the Portland office from Porterville, was entertained by the traffic employees of the Porterville exchange at a very pleasant surprise party held in the restrooms of the exchange, just before leaving for her new home.

Charlie Braswell says the 13th is his lucky day, and if the safety-first contest had been held on the 13th, instead of the 12th, he thinks he would still have his five iron men that somebody else is holding.

Miss Clara Stoner, evening chief operator of the Fresno local office, has been called to her home in Ohio because of the illness of her father. She has been succeeded by Miss Mae Reynolds, formerly evening supervisor.

Mrs. Bertha Leeper, who has been an employee of our Visalia exchange most of the time since 1910 and chief operator for the last three years, has resigned. Miss Jewell Logsdon has been appointed chief operator, succeeding her.

The following students have been added to the operating force in the Chico district: Maude Roth, Ivy Starr, Josephine Moran, and Marie Gross at Marysville; Elizabeth Orr at Yreka; Annie Chris-singer at Willows; and Velma McShane and Victoria Teisseire at Red Bluff.

Miss Katherine McCormack, chief operator, Sacramento Main office, was the honored guest at a party given by the operating employees of her office one evening recently at McKinley Park. The evening was spent in dancing, after which a delicious luncheon was served.

Repairmen of the Quincy Light and Power Company and The Pacific Telephone and Telegraph Company were engaged both Monday and Tuesday at Quincy repairing telephone and light wires which were damaged by the burning of the Plumas House Sunday morning.

Mrs. Beatrice Williams, née Beatrice Maunder, was given a surprise party by several of her friends in Sacramento Main office one evening recently. Miss Ruth Elliott, central office clerk, and Mrs. Williams's husband provided music for dancing, after which refreshments were served.

H. L. Monahan, chief collector of the Stockton exchange, has recently purchased a new Ford bug and has had it finished in a beautiful light green and red hue. It is now understood that Mr. Monahan does not care if the Southern Pacific Company ever runs another train to San Jose or Livermore.



E. O. Chandler, who for a number of years was manager at Willows, and lately of Red Bluff, was married on May 4 to Miss Anna R. Spangler of Red Bluff. Mrs. Chandler has lived most of her life in Red Bluff and is prominent in social and musical circles, being an accomplished pianist.

E. N. Hicks, district traffic superintendent of Fresno, is evidently considering an interesting trip, as he was inquiring for information in the art of digging clams and taking abalones. Jack Carew, wire chief of Coalinga, is pretty good authority on this subject, having made the trip to Pismo Beach a number of times.

Miss Cecelia Harris, central office clerk, Sacramento toll office, spent a few days in San Francisco recently as the guest of Mrs. Anna Carr, supervisor in San Francisco toll office. Miss Harris was present at the graduation of Mrs. Carr's son from the Sacred Heart College, he having graduated with the highest honors.

Fresno district has had a few cases of cupiditus, which resulted in the following name changes: Veda Jenkins to Christensen, Julia Hansen to Archie, in the Fresno local office; Dora Badertscher to Martin, in the Fresno toll office; Helen Bohn to Peers, in the Dinuba office, and Madgel Gangbin to Trueblood, in the Visalia exchange.

Mrs. Mayme Ryan recently entertained at a surprise party for Mrs. Margaret Bruce. Mrs. Bruce is leaving Sacramento to make her home in Los Angeles, and the affair was in the nature of a farewell. Dainty refreshments were served. Mrs. Bruce will be greatly missed in the Sacramento toll office, as she was a member of that force for nearly five years.

Late in May a fire broke out in the No. 1 tunnel of the Southern Pacific Railroad, about twenty miles north of Redding. The fire was discovered shortly after the "Shasta" had passed through, and before it could be extinguished the entire tunnel was destroyed. A shoo-fly track was built around the tunnel, and the tunnel is to be abandoned. During the two weeks that this temporary track was under construction, passengers, mail, and baggage were transferred by automobiles at Redding and Pollock, the stations on either side of the tunnel. Temporary toll stations were cut in on our toll lead, which furnished emergency service to the railroad people during the time the temporary track was being built.

On May 27 the annual picnic of the Chico Bell Club was held. This year the event was staged at the Bell Brothers' ranch on Deer Creek, about twenty miles north of Chico. This is the place where the annual rodeo of Northern California is regularly held, and through the courtesy of the management the grounds were made available for the telephone company. Large blue bell arrows placarded the highway for miles, so that there was no difficulty for the picnickers from all over the territory in finding their way. While the weather was too cool for bathing, it was ideal for all other sports. The crowd began to gather early in the morning, and after several hours of sociability, luncheon was served. Games and sports in the afternoon and dancing in the evening were features of the day. A delightful time was reported by all in attendance.

Hanford employees of the traffic, plant, and commercial departments enjoyed their first outing of the season on the evening of May 14, when they held a "wienie" roast at Mooney's Grove. The invited guests included Foreman Kope and his bashful crew. Harry L. Samm, with his Dinuba harem, came over to get acquainted, as they had heard that Harry Kope and his crew were headed for Dinuba. Following the service of a picnic supper, the party spent the evening with games, boating, dancing, and an appropriate program in which each guest was requested to do some stunt.

Miss Purcell, clerk in the Fresno district office, recently had occasion to interview a young woman from a nearby town. After taking considerable time in telling her of the different features of the work, giving particular emphasis to the part attendance had in making a successful operator, she asked the applicant if she had ever been away from home. Upon receiving the reply "No," Miss Purcell stated, "I'm sure you would do satisfactorily in this work if you would not become seasick — er — homesick." Miss Purcell's mind was evidently wandering to a vacation spent at the beaches, with a possible trip to Catalina.

The following is an article which recently appeared in the *Escalon Tribune*: "F. H. Schmalling has resigned his position as telephone operator at Escalon and left for San Francisco yesterday to make his home with his sister, Mrs. Pfaff. We are sorry to see Mr. Schmalling go and can assure him the good wishes of the whole community follow him without one exception. His place has been filled by Mrs. Emily Light, formerly of Stockton. She is an old employee of the company and has been promoted to take charge of the Escalon office. She is just moving with her three children. Her parents will also make their home with her. We welcome them to Escalon. May they thrive and prosper in our good little community."

The following tribute to the telephone entitled "The Silent Sentinel," was written by the editor of the *Ceres Courier* after a visit to the Modesto operating department: "The value of telephone service to the individual subscriber can not be measured in dollars and cents. The actual value of the service rendered is often beyond any price. It is not only that business men transact profitable deals over the telephone, saving time and money as the results of the service of the telephone, but there must also be added to the telephone's capacity for service its protection value in the home and place of business. Millions of dollars are spent annually by towns and municipalities in the installation and maintenance of fire and police departments. Yet without the telephone the police and fire departments could not render the protection that they now give. Statistics from a Southern city showed that of the 367 fire alarms in a single year, 238 were received by telephone. It is impossible to estimate the saving in lives and property which the telephone has effected, but where a business concern or an individual has been saved from loss by the quick telephone alarm the value of that service is readily appreciated. Every minute counts in an emergency, and minutes saved in sounding the alarm



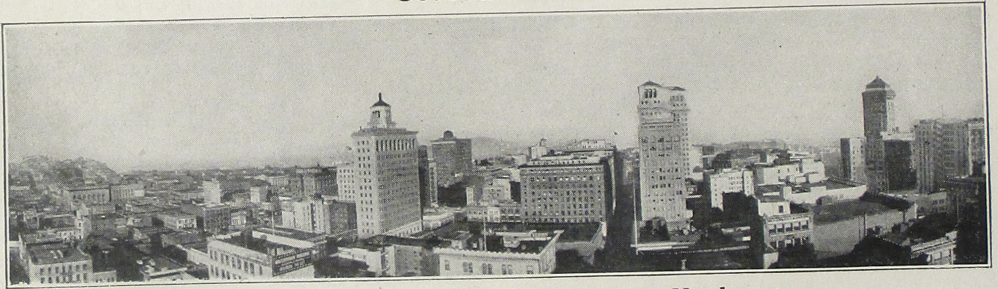
and directing the fire department to the location of the fire by telephone are crucial moments that, if wasted, often result in death and fire disaster. It is equally true of that other protective branch of city and town government, the police department. Each police department has its switchboard through which in a few seconds, day or night, the telephone can bring aid in any emergency. The householder who wakes in the night to find his house in flames or is startled out of his sleep by the footfall of the night marauder reaches for his telephone to call for aid; through the telephone he is at once connected with the police department, and his property and perhaps his own life and the lives of his family are saved. It is this protective value of the telephone, proved in emergencies without number, that is beyond price and upon which it is impossible to put a money value. The absence of the telephone when emergencies arise emphasizes its value as a vital part of the protective system. The telephone is the silent sentinel—the watchman on the tower—the ally of law and order. The more of these sleepless sentinels there are in a community, the safer that place is to live in and do business."

The many friends of Jim Fitzsimmons, superintendent of maintenance, Inland Division, now on leave of absence, will be pleased to learn that his health is fast improving and that he will soon be himself again. "Jim" is recuperating at Pine Grove, seven miles from Jackson, Amador County, Cal. Division Commercial Agent Lyle M. Brown, District Plant Chief Ed Handlan of Stockton, and Division Supervisor of Supplies "Happy" Hogan, recently paid Jim a visit and found him

in the very best of spirits, having gained twenty pounds. Jim's chief occupation is drinking "cream" and "milk." Since his arrival a new creamery has started, creating a boom in the town. Jim is due to return in August, and all the boys will be glad to see him back on the job. We once upon a time heard Jim tell a story at a "Los Animados" party about a miner in a skip. If any of the Jackson boys get a chance, we recommend that they tease Jim to tell it.

The Stockton *Record* recently brought back to memory an occurrence which, no doubt, will be quite vivid to our supervisory foreman of construction at Stockton, Paul Klein. The article, under the heading "Twenty Years Ago Today," was as follows: "A fire broke out last evening in Redlick's department store, on Main street near California, about 11:30 o'clock, completely destroying the Redlick and Ruhl buildings and contents and badly damaging several other firms by water and smoke. The alarm system led the department in several different directions, and before the entire department arrived at the fire the Redlick and Ruhl stores were practically destroyed. The cause of the fire is a mystery, but there is a suspicion of incendiarism. The principal losers were: Redlick's, \$70,000, partly insured; Fred Ruhl, stock and building, \$65,000, insured; Courtland lodging house, fire and water, \$3000; C. F. Babcock, photographer, \$1000; O. H. Hess, dye house building, \$3000. Paul Klein, fireman, had his leg broken by falling timber. Police Officer Marshall sprained his ankle jumping from an awning, and M. Joyce was badly bruised by falling bricks and glass."

Coast Division



A Sky-Line View of San Francisco, Division Headquarters

Division Commercial Superintendent, J. W. GILKYSON.

Division Superintendent of Plant, H. MCBIRNEY.

Division Superintendent of Traffic, F. J. REAGAN.

Grace McReynolds has been engaged as an operator at Hollister exchange.

Yale T. Decker has been engaged as clerk in the office of the superintendent of construction, San Francisco.

Nada Sparling, cashier, and Bernice Neils, operator, both of Hollister, have announced their engagements.

In charge of Professor H. E. Wolters, a class from the San Jose High School was recently taken on a tour of inspection of the San Jose central office.

Mrs. Violet Chase, operator at Palo Alto, has been transferred to the Sacramento exchange.

Mrs. Margaret Kirste, night operator at Redwood City, enjoyed her vacation with friends in San Francisco.

Alma Meyers of Hollister exchange has just had her vacation as well as a honeymoon. Her new name is Rogers.

M. F. Redmond, familiarly known as "Mike," is at his old post as repairman, Mill Valley exchange. Mike is relieving A. C. Schallock during his vacation.



Alice Espinosa and Marie Rockstahl, operators at Palo Alto, have been transferred to the San Francisco exchange.

Miss Marie Barenchi, information and telegraph operator at Santa Rosa, spent an enjoyable vacation at Los Angeles.

Miss Gladys Randolph, Santa Rosa long-distance operator, has been promoted to the position of long-distance supervisor.

Misses Josephine Horton and Anna Brennan, toll operators from New York City, were recent visitors in San Francisco.

Miss Doris Hayes, information operator at Palo Alto, has returned to her duties, after spending a week's vacation at Santa Cruz.

Miss Daisy Chiappellone, operator at Redwood City, has returned to her duties, after spending a two weeks' vacation in the South.

Mary Santana of Hollister exchange has resigned to become the bride of Albert Annarantos, who is our collector at Santa Clara.

Esther and Ruth Johnson, operators at Palo Alto, left on a six months' furlough. They are motoring to their new home in Roseburg, Ore.

J. A. Chamberlin of the outside plant engineer's office, Coast Division, was a recent visitor in Santa Rosa, looking over the condition of our toll lead.

Henry Kilborn, former clerk in the office of the superintendent of maintenance, Oakland, has been transferred to the construction forces in the capacity of field clerk.

H. McBirney, division superintendent of plant, and L. G. Fitzsimmons, superintendent of plant maintenance of the Coast Division, were recent visitors in Santa Rosa district.

Miss Dolly Bonneau, operator at Redwood City, spent one week of her vacation with her mother at Brookdale, and Miss Sarah Ward, chief operator at Redwood City, was a week-end guest.

Misses Emily Pellow, Genevieve Lagan, Anys Casey, Velma Washburn, Mildred Johnson, Juanita Hamner, Florence Griffiths, Thelma Owens, and Mabel Ledford are recent additions to the Santa Rosa operating force.

George E. Sanders, manager of the exchange at Albany, Ore., was a recent visitor at our Mill Valley office. Manager Sanders said he always is at home where there is a Blue Bell sign, and made it his business to make the acquaintance of the local manager.

The members of the Telephone Employees Social Club at San Jose are working on plans for the next annual picnic, which will probably be held in July. Considerable enthusiasm is being shown by the members and a tentative location has been selected at a place called "Kendall Dell," near Mountain View.

Estimate 30503, covering the installation of 120 incoming automatic trunk circuits replacing a like number of circuits on the multiple marking desk at Kearny office, San Francisco, has been completed by Equipment Installer L. A. Sloan and others working under the direction of Equipment Supervisor C. D. Dean.

C. H. Von Konsky, foreman of the barge *Repairman*, and D. Dantuma, lineman, have returned after several weeks in Los Angeles, where they assisted in the placing of the new submarine cable between San Pedro and Catalina.

The first class has finished its course in first-aid instruction at San Jose, and all the members seem to feel that the time has been well spent and that they have received knowledge that undoubtedly will be of great help to them.

The installation of an additional section of No. 105-A magneto switchboard, which provides sixty-five additional local answering jacks at the Corte Madera exchange, has recently been completed by equipment installers working under the supervision of Equipment Supervisor H. L. Wilcox.

A real old time Spanish fiesta was staged at Hollister on June 16 and 17, under the auspices of the American Legion. "Champ" Graham, our genial wire chief at Hollister, was one of the committeemen and a great deal of credit is due him for the amount of work he did.

The work of installing a No. 50 ampere type AT rectifier and circuit breaker alarms on all circuit breakers at 1545 Franklin Street, Oakland, under estimate 30546, has been completed by equipment installers working under the supervision of Equipment Supervisor H. L. Wilcox.

The following promotions have recently been made in the plant department, Coast Division: James Cothran, head lineman in Foreman Master-son's gang, promoted to foreman; Andy Fetzer, head lineman in Foreman Eberhardt's gang, promoted to foreman; Lawrence Olsen of Foreman Foley's gang, promoted to field clerk.

Estimate 30617, Campbell, has been completed, affording much needed relief at this exchange. The completion of this estimate affords facilities for 200 additional lines. Also forty additional answering jacks have been provided on the switchboard. This additional equipment should take care of the future growth for some time.

Miss Nellie A. Gaul of long-distance office, San Francisco, spent her vacation motoring with Mr. and Mrs. Flood. While in Los Angeles she visited the long-distance office, where she was hospitably received and entertained by a committee of operating employees. San Diego, Tia Juana, and Ramona's marriage place were also visited.

The telephone girls of Richmond recently held a whist party in Pythian Castle, when more than 100 of their friends were present. There were several visitors from Oakland. At the conclusion of the card contests, refreshments were served. Miss Ella Fotheringham, chief operator, was general chairman. The girls are planning a dancing party to be held soon.

The following San Francisco employees of the traffic department have recently resigned to be married: Miss Josephine Heinzen, long-distance operator, Salinas; Miss Martha E. Birkenseer, evening operator, Sunset office; Miss Madeline Schuler, operator, Valencia office; Miss Minta L. Pedigo, night operator, Pacific office; Miss Rika Van Bel-derbeck, junior evening operator, Prospect office; Miss Camille J. Loveless, evening operator, Sutter office.



The members of the Burlingame Blue Bell Club entertained their friends at a dance in the Women's Club house, May 16. This is the second dance given by the club, formed shortly before Christmas. Both affairs were very successful. The decorations in the club colors formed a canopy over the dancers and a large blue bell, the symbol of the club, hung in the center. Good music was provided and punch was served.

One of the tests and pleasures of friendship is to receive definite proofs that you haven't been forgotten when you move away, and Miss Grace Algeo, recently appointed chief operator at San Leandro, had the pleasure of such a test when her friends, the Hayward traffic and commercial employees, twenty-two in number, surprised her in her home in San Leandro on the evening of June 18, her birthday. Games and singing were followed by a supper and filled a happy evening. While chief operator at Hayward, Miss Algeo made many friends who wish her success in her new position.

The general science class of the Petaluma High School, in charge of Mrs. E. Brown, visited the telephone exchange Thursday and was taken through the plant department by Wire Chief S. C. Champion and were instructed in the mechanical features of a telephone exchange. The visitors were then turned over to the traffic department, in charge of Chief Operator Miss Helen Witte, and were instructed on the operating method employed in a central telephone exchange. Another class visited the office on Friday and was given the same attention. Classes of the high school have been attending meetings of the City Council of late to see how a municipal government is conducted.

Manager G. M. Huntoon of Santa Cruz recently received the following letter from a prominent real estate firm: "On last Tuesday evening I had occasion to put a call through to San Francisco. I did not have the San Francisco number and as a matter of fact did not know exactly where I was calling for. After one or two attempts on the part of your operator, I instructed her to cancel the call. However, she seemed to be persistent, and in a few minutes called me and had my party ready for me to talk to. As the matter was important, I was very much pleased to get service, and I take this means of thanking the young lady through you for her assistance. Yours very truly, F. M. GARRISON."

The *Dispatch-Democrat* of Ukiah recently published an item which said, in part: "For the last year a familiar sight on the roadways of Mendocino County has been a number of canvas covered motor trucks with the name 'Pacific Telephone and Telegraph Company' lettered on the sides and with an appendage of wire, ropes, material, and linemen more or less gracefully festooned thereon. These workmen were busily engaged in building additional long-distance circuits, and numerous strands of brightly shining copper wire greeted the eyes of travelers. The work has provided Ukiah with an exclusive direct line to San Francisco, something she has never had before. Besides this, there will be three new circuits from San Francisco to Eureka all routed through Ukiah."

On May 19 the citizens of Solano County staged a historical pageant of the early life of the county. The pageant, which was a wonderful success, was held on the Parmette ranch, outside of Benicia, and more than 14,000 people witnessed the affair. It required about 1500 people to put on the show, which meant that some means would have to be used to get the different people on at the proper time for each episode. To accomplish this feature, telephones were placed in various parts of the grounds and through this service the entire program was handled without a hitch. William Pierce of Suisun, one of the directors of the pageant, thanked the telephone company for their courtesy and said that without their assistance the affair could not have been such a success.

The estimates covering the removal of Piedmont's present battery equipment from the terminal room to the new battery room in the basement and the installation of a new G-61 battery, together with its rectifier and eight panels of power distribution board, are nearing completion, and it is probable the office will be operating off the new equipment ere this goes to print. The old Ell (No. 2) battery is to be refitted with new positive plates and will then be moved from its present location to the new battery room. With the completion of these job orders Piedmont may safely boast the most complete and modern battery installation in the district, and to less fortunate offices, or to those interested in viewing a first-class office, Piedmont extends an invitation to call and inspect its plant.

On May 26 the Pittsburg central office was cut over from magneto to common battery in its new quarters located in the new Buchanan Building on Railroad Avenue, between Fourth and Fifth streets. At 9:35 p. m. the traffic department had three of their operators at the switchboard in the new office and the cut was actually completed at 10:05 p. m. without one case of interruption to service. Wire Chief McConley of Antioch had everything in such condition that considerable credit can be given him for the manner in which the work was performed. E. E. Perkins, superintendent of maintenance; S. Kellar, district traffic superintendent; D. R. Blanchard, traffic chief, suburban district; E. R. Gates, district plant chief, suburban district; and R. B. Borland, commercial manager of Martinez, were on hand to witness the cut over.

The sudden death on May 29 of Miss Anna T. McMurphy, one of the most popular employees of Piedmont office, was a shock to her many friends. Entering the service of the company September 17, 1919, in Piedmont, Miss McMurphy quickly earned for herself a reputation for consistent skill and interest in her work and on April 19, 1921, she was promoted to the position of supervisor. Her fine character and her cheery disposition won for her many devoted friends both within and outside of the company. The Piedmont office employees paid tribute to her memory by sending many beautiful flowers. A large number of her former associates attended the funeral services and six of them acted as the honorary pallbearers. The memory of her record as an employee and as a friend will be a source of inspiration to those who were fortunate enough to have known her.



The pay station attendants of San Francisco were joint hostesses at a farewell party at the home of Miss Josephine Hunt on Waller Street, May 23, as a courtesy to Miss Iva Mulvaney, who left San Francisco with her mother on May 26 to make their home in Los Angeles. The festivities of the evening were games and dancing, with a supper served by two very attractively costumed maids. A charming novelty (a group of old Italian songs) was given by Miss Olga Klein.

Whenever Charles J. Hall, special agent in the office of Vice President Carroll, goes fishing the Shreve Building crowd can be assured of a fine treat of finny beauties. Mr. Hall recently spent two weeks at Independence Lake. Because of exceptional weather the fishing was poor, but he sent two boxes of fish to his friends in San Francisco. They were as fine a quality as any we have seen. We know what we are talking about, for a generous supply was sent to us.

Work under estimate 30637, providing for the installation of No. 2 radio equipment at the Fairmont Hotel, San Francisco, has recently been completed by the equipment forces, under the supervision of a representative of the chief engineer. This equipment supplements Hale Brothers' broadcasting service, and was first utilized during the visit to San Francisco of Secretary of War Weeks. At a banquet given in his honor at the Fairmont Hotel, his voice was heard in all parts of the country and the radio fans now listen in to daily concerts given by the Fairmont Hotel orchestra.

The grim reaper recently took from us Miss Mary McCormick, evening matron at Franklin office, San Francisco, who had been in the service of the telephone company about six years. Miss McCormick was a faithful, conscientious employee, of a sunny, happy disposition, and was one who always strove to please. Her sudden death came as a shock to all of us. Although entirely alone in this country, when her hour of need came she was surrounded by many friends of the telephone family who did everything possible to relieve her suffering. The matrons all voiced their appreciation of the kindness and courtesies extended their associate through Mrs. S. E. Crichton, representing her husband, our superintendent of dining service, who was north at the time, and to Mrs. M. E. Stone, supervisor of dining-room service, and Miss I. C. Tierny, welfare supervisor. Miss McCormick leaves an aged father and a brother in Ireland to mourn her loss. Her death occurred in St. Mary's Hospital after an illness of ten days.

Berkeley office, disdaining to refer to the natural beauty of its setting or to its wide, handsome streets, contents itself with forwarding the following clipping as though to say: "Here is the reason for our extensive growth—the explanation of our 17,046 telephones in a city of 68,000 educators." But the item does suggest that the conclusions of the statistical sharks with reference to this information and its bearing on the rapid expansion of the telephone industry in the beautiful city would be of much interest. If winter is over, let the statisticians come forth from their hibernating place and inform us the why and the how: "That Berkeley is rapidly approaching the goal of a 100 per cent city of home owners is an-

nounced in a survey just completed by the Berkeley Realty Board. The survey shows that in the last twelve months ending April 31 the proportion of homes purchased in the city has increased 17 per cent. Added to this, home-building has jumped 12 per cent, which makes a gross increase of 29 per cent in home-owning, according to President James McCrosson of the Realty Board."

The traffic department of the Coast Division reports that the following changes have recently been made in the San Francisco operating forces: Miss Mary V. Reilly, operator, Randolph office, promoted to the position of evening supervisor; Miss Genevieve K. Healy, operator, Sutter office, promoted to the position of evening supervisor; Mrs. Mary C. Morser, operator, Sutter Extension office, promoted to the position of supervisor; Miss Agnes H. Peterson, evening operator, Franklin office, promoted to the position of evening supervisor; Mrs. Doddie Rogers, operator, Piedmont office, promoted to the position of evening supervisor; Miss Eunice J. Gibson, operator, Oakland office, promoted to the position of evening supervisor; Miss Anna A. Bahnsen, evening operator, Merritt office, promoted to the position of evening supervisor; Miss Ruth M. O'Day, evening operator, Merritt office, promoted to the position of evening supervisor; Miss Zelma I. Seward, operator, Sutter office, promoted to the position of central office clerk, Sutter Extension office; Mrs. Gertrude E. Mathews, evening supervisor, Berkeley office, appointed central office clerk; Miss Clarice M. Dolve, evening operator, Piedmont office, promoted to the position of evening supervisor; Miss Owlet J. McIntyre, evening operator, Market office, promoted to the position of supervisor; Miss Ida J. Murray, evening operator, Fillmore office, promoted to the position of supervisor; Miss Alice Butzback, evening central office instructor, Berkeley office, promoted to the position of evening chief operator, Elmhurst office; Mrs. Frances M. Rogers, evening operator, Franklin office, promoted to the position of supervisor; Miss Mary E. Mangan, night supervisor, Sutter office, promoted to the position of night chief operator; Miss Virginia M. Hutchison, evening chief operator, Hayward office, promoted to the position of chief operator; Miss Emma M. Andersen, operator, Hayward office, promoted to the position of evening chief operator; Miss Grace Algeo, chief operator, Hayward office, appointed chief operator at San Leandro; Mrs. Mary R. Kelley, operator, Sutter Extension office, promoted to the position of supervisor; Miss Anna A. Lignell, chief operator, Thornwall office, appointed chief operator, Lakeside office; Miss Irene T. Mullins, evening chief operator, Mission office, promoted to the position of chief operator, Sunset office; Miss Minnie M. Helmer, supervisor, Mission office, promoted to the position of evening chief operator; Miss Alice M. Quillman, evening operator, Fillmore office, promoted to the position of evening supervisor; Miss Irene H. Lafrenz, operator, Garfield office, promoted to the position of supervisor; Mrs. Mary E. Pointer, evening operator, Sutter office, promoted to the position of evening supervisor; Miss Grace M. Dunphy, operator, Pacific office, promoted to the position of evening supervisor; Mrs. Grace M. Mirandette, operator, Pacific office, promoted to the position



of evening supervisor; Miss Margaret D. Ramsay, evening supervisor, Merritt office, promoted to the position of evening central office instructor; Miss Florence E. Elvin, evening operator, Lakeside office, promoted to the position of evening supervisor; Miss Vivian F. Ansel, evening operator, Piedmont office, promoted to the position of evening supervisor; Miss Hazel Beckhusen, operator, Sutter office, promoted to the position of supervisor; Miss Hattie E. Nahl, night operator, Franklin office, promoted to the position of night chief

operator, Garfield office; Miss Ramona I. Leslie, junior evening operator, Berkeley office, promoted to the position of evening supervisor; Mrs. Germaine W. Schmitt, evening operator, Berkeley office, promoted to the position of evening supervisor; Miss Pearl Balzarini, operator, Berkeley office, promoted to the position of evening supervisor; Miss Leah Brill, operator, Market office, promoted to the position of supervisor; Miss Helen Fluetsch, operator, Fruitvale office, promoted to the position of central office clerk.

Oregon Division



A Sky-Line View of Portland, Division Headquarters

*Division Superintendent of Traffic, C. B. ALLSOPP.
Division Commercial Superintendent, C. E. HICKMAN.
Division Superintendent of Plant, J. F. LOWRIE.*

President G. E. McFarland visited Portland during June.

Miss Eleanor E. Brodie has been added to the Pendleton force.

Miss Nellie M. Guernsey has been added to the operating force at Baker.

Miss Mae Plum, Main office, Portland, recently resigned to become a May bride.

Miss Faye Van Nortwick has recently been added to the operating force at Tillamook.

Miss Faye B. Smith is a new employee at Bend and Mrs. Gladys Dougherty has been reengaged.

Miss Helen Staples, operator, Broadway office, Portland, was recently transferred from St. Paul, Minn.

Mrs. W. V. Rakestraw, manager and chief operator at Newport, was a recent visitor at the Tillamook exchange.

Miss Catherine Butterfield, Tabor office supervisor, Portland, is with us again after an illness of two months' duration.

F. T. Angell, district traffic superintendent, and H. B. Judy, traffic engineer, were recent visitors at the Tillamook exchange.

Miss Ellen E. Anderson, former supervisor at Astoria, has succeeded Mrs. Esther Stevens, chief operator and commercial clerk at Seaside.

The installation department has had a force of men engaged in wiring the new hotel which is under construction at Gearhart. This new hotel has 120 rooms, with provisions for a telephone in each room.

D. P. Fullerton, general superintendent of plant, San Francisco, and H. J. Tinkham, division superintendent of plant, Seattle, were recent Portland visitors.

The latter part of May, A. J. Vance, manager of The Home Telephone and Telegraph Company of Southern Oregon, paid a visit to the division offices at Portland.

W. H. Bredemeier, directory salesman, and J. B. Darby, counter clerk, Portland commercial department, resigned the latter part of May. Mr. Darby will make his future home in Los Angeles.

The traffic employees at The Dalles spend their Sundays off duty by going on hiking trips, which are proving very enjoyable. The refreshment feature is never overlooked on these occasions.

J. L. Bland, unit supervisor, Portland commercial department, was transferred to Eugene as manager on June 1. Ferris W. Abbott, counter clerk, was appointed successor to Mr. Bland.

The Misses Gladys Brown and Clara Rands of Portland were recent week-end visitors at O. A. C., the occasion being junior week-end at the college. Miss Rands was a student at O. A. C. last year.

The construction department recently completed the job of stringing two additional circuits between Astoria and Portland. This addition will provide two physical and one phantom circuits.

On May 11 the girls of Tabor office, Portland, gave a surprise party to Miss Florence Smith, evening chief operator, at her beautiful home in Mount Tabor. Games were played and dainty refreshments were served. Miss Smith will be a June bride.



The Heppner collection center has been discontinued and the Heppner, Ione, and Lexington exchanges have been added to The Dalles district. Roy Pickens, former manager at Heppner, has been transferred to Baker as wire chief.

Miss Eula Rector, all-night operator, Main office, Portland, became the bride of Richard Neff, St. Helens. The wedding was a very quiet affair. All of Mrs. Neff's office associates unite in extending their best wishes for a happy married life.

Portland commercial department boasts of two brides during the last month. Florence Pangle was married on May 20 to C. Frank Slattery and Avis Olson was married on May 12 to H. H. Armstrong. The attractive young brides have the best wishes of all their friends and coworkers in the telephone company.

Mrs. Rakestraw, formerly Miss Hazel Eliot, was a recent visitor at Tabor office, Portland. She surprised her many friends by the announcement of her marriage. Mrs. Rakestraw held the position of chief operator and manager at Newport. Her former Tabor associates extend their best wishes to the bride and groom.

On April 30 a very pleasant evening was spent at the home of Mrs. Hollyburton, formerly Miss Ruah Deardorff, an employee at The Dalles office for more than a year. The evening passed quickly with music and singing, followed by the serving of a dainty lunch, after which the girls departed wishing the bride a continuous honeymoon.

Through the capable management of Mrs. W. F. Heineck, a group of East and Garfield office girls, Portland, delightfully surprised Miss Mary Hanke on her birthday, on the evening of May 5. The rooms were beautifully decorated with pink streamers and carnations. The evening was spent with music and dancing, after which dainty refreshments were served.

A few days after the distribution of the new telephone directories at Pendleton, a lady subscriber called "information." Upon being asked if she had not received one of the new directories, she replied: "Oh, yes, I have one, but the baby is playing with it and is quiet for the first time today, so won't you please tell me the number, as I don't want to make him cry."

The following changes have recently been made in the operating force at Portland: Miss Margaret Shaw, operator, Broadway office, transferred from Walnut office; Miss Lola Johnson, operator, Broadway office, transferred from East office; the Misses Ruby Cross and Clara Olstead transferred from Garfield office to Main office; Miss Elsa Stitz, Main office, promoted to the position of evening supervisor.

On June 4 commencement exercises of the Oregon Agricultural College were held in the men's gymnasium, Corvallis. It is interesting to note that the graduating class has grown from three, fifty years ago, to 534. The telephone quartet (Halfred Young, first tenor; Denton Denman, second tenor; Ferris Abbott, baritone; Mark Daniels, basso; and Miss Ruby Lloyd, accompanist) was on the program and took part in the exercises.

The operators at Bend exchange have been receiving nice big boxes of candy for their good services. One operator gave valuable assistance in helping a subscriber locate his stolen car and was given a box of candy in appreciation. The chief of police also called personally and asked the chief operator to express his thanks for the prompt service rendered during the car hunt. A doctor in that city received an emergency call and could not get his car started, so he called on the night operator to send some one for him. She did—and, more candy.

On the evening of May 24 Miss Bessie Gold entertained a number of her friends in honor of Mrs. Emma Soule, former switchboard clerk at Tabor office, Portland, who left the city two days later to make her home in Los Angeles. The evening was pleasantly spent with music and dancing, and a dainty luncheon was served. Those present were Mrs. F. Brace, the Misses J. Johnson, O. Stillion, M. Clark, F. Smith, H. Jansen, E. Mathews, C. Taylor, U. Nelson, J. O'Donnell, and Mesdames G. Wadley, S. Beede, R. Nelson, and E. Soule. We all regret losing Mrs. Soule.

Indicating that the use of long-distance service has grown to be an indispensable part of our modern business and social life, the *Portland News*, in the recent Rose Festival edition, had almost a full page story of telephone company history in Oregon and its rapid increase in the state. As Oregon has grown and become more and more prosperous, it has been more and more necessary for the business man to widen his trade area and to buy and sell in increasing volume. The story, which is especially interesting, said among other things that in 1890 Portland had 720 telephones, whereas at the present time it required 714,000, a very commendable increase.

On May 30 the *Oregon Journal*, Portland, carried the following item: "First of the local firms to inaugurate a golf tournament for its employees is The Pacific Telephone and Telegraph Company, which has issued a call for entries in a handicap event, the qualifying rounds of which will be played Saturday and Sunday. L. F. Bishop is in charge of the competition. Not less than thirty players are expected to tee off in the tournament this week-end. Elimination matches will be played in the succeeding weeks. Bishop expects to complete the tournament in five weeks. Entrants will be given the privilege of playing their qualifying round on any course, but all elimination matches are scheduled for the Eastmoreland links."

Gifts

Give a man a dog or a gun,
Give a dog a man to love,
Give a woman a patch of sun
And a bit of green with the sky above,
Where her babes may laugh and run;

Give a gull the blowing spray,
Give a ship one faithful star,
Give my heart but a single day
Where any of these things are—
And I'll find my heaven the swiftest way
That ever a heaven was won!

—The Atlantic Monthly.

STATEMENT OF DEVELOPMENT JUNE 1, 1923

Showing the Increase and Per Cent of Increase in Owned Stations in Exchanges of 300 or More Stations Since January 1, 1923

EXCHANGE—	Subscribers' Stations Jan. 1, 1923	Subscribers' Stations June 1, 1923	Actual gain in Stations since Jan. 1, 1923	Per cent gain since Jan. 1, 1923
GROUP No. 1— (20,000 stations and over)				
Los Angeles.....	189,463	196,389	6,926	3.66
Oakland.....	50,520	53,039	2,519	4.99
Portland.....	69,191	70,999	1,808	2.61
San Diego.....	21,316	22,097	781	3.66
San Francisco.....	172,744	178,399	5,655	3.27
Seattle.....	80,917	83,145	2,228	2.75
Spokane.....	31,788	31,919	131	.41
Tacoma.....	20,968	21,386	418	1.99
Total.....	636,907	657,373	20,466	3.21
GROUP No. 2— (10,000 stations up to 20,000)				
Berkeley.....	16,085	17,046	961	5.97
Fresno.....	15,357	16,066	709	4.62
Sacramento.....	19,017	19,630	613	3.22
San Jose.....	13,108	13,504	396	3.02
Stockton.....	10,729	11,021	292	2.72
Total.....	74,296	77,267	2,971	4.00
GROUP No. 3— (5,000 stations up to 10,000)				
Alameda.....	5,921	6,067	146	2.45
Bakersfield.....	4,986	5,069	83	1.66
Bellingham.....	5,367	5,620	253	4.71
Yakima.....	5,977	5,995	18	.30
Total.....	22,251	22,751	500	2.25
GROUP No. 4— (2,500 stations up to 5,000)				
Aberdeen.....	3,425	3,577	152	4.44
Alhambra.....	2,827	3,216	389	13.76
Eugene.....	2,940	3,053	113	3.84
Eureka, Cal.....	3,473	3,454	-19	-.55
Glendale.....	4,420	4,956	536	12.13
†Lewiston, Ida.....	2,707	2,775	68	2.51
Modesto.....	2,748	2,911	163	5.93
Palo Alto.....	3,132	3,353	221	7.06
Reno.....	4,192	4,317	125	2.98
Richmond.....	2,719	2,850	131	4.82
Riverside.....	4,702	4,852	150	3.19
Salem.....	3,604	3,684	80	2.22
San Mateo.....	3,651	4,006	355	9.72
San Pedro.....	2,727	2,969	242	8.87
Santa Ana.....	3,562	3,823	261	7.33
Santa Cruz.....	2,927	3,020	93	3.18
Santa Rosa.....	2,483	2,657	174	7.00
Vallejo.....	2,492	2,518	26	1.04
Walla Walla.....	4,190	4,189	-1	-.02
Total.....	62,921	66,180	3,259	5.18
GROUP No. 5— (1,000 stations up to 2,500)				
Albany.....	1,323	1,338	15	1.13
Anaheim.....	1,724	1,850	126	7.31
Astoria.....	1,726	2,059	333	19.29
Baker.....	1,446	1,481	35	2.42
Bremerton.....	1,360	1,372	12	.88
Centralia.....	1,458	1,590	132	9.05
Chehalis.....	1,110	1,154	44	3.96
Chico.....	2,048	2,087	39	1.90
Coronado.....	1,395	1,388	-7	-.50
Corvallis.....	1,949	1,969	20	1.03
El Centro.....	1,008	1,047	39	3.87
Fullerton.....	1,229	1,413	184	14.97
Hanford.....	1,458	1,469	11	.75
Honolulu.....	1,749	1,850	101	5.77
Honolulu.....	1,265	1,322	57	4.51
Klamath Falls.....	1,372	1,419	47	3.43
Lodi.....	1,802	1,876	74	4.11
Marysville, Cal.....	1,198	1,256	58	4.84
Merced.....	2,190	2,256	66	3.03
Monterey.....	1,716	1,796	80	4.66
Napa.....	2,390	2,462	72	3.01
Olympia.....	1,344	1,422	78	5.80
Orange.....	1,301	1,346	45	3.46
Oregon City.....	1,008	1,026	18	1.79
Oroville, Cal.....	1,823	1,818	-5	-.27
Pendleton.....	1,802	1,902	100	5.55
Petaluma.....	1,208	1,274	66	5.46
Port Angeles.....	1,063	1,090	27	2.54
Porterville.....	1,141	1,220	79	6.92
Redwood City.....	1,124	1,156	32	2.85
Roseburg.....	1,295	1,314	19	1.47
Salinas.....	1,054	1,156	102	9.68
San Anselmo.....	1,796	1,826	30	1.67
San Luis Obispo.....	1,680	1,728	48	2.86
San Rafael.....	1,398	1,417	19	1.36
The Dalles.....	1,162	1,187	25	2.15
Tulare.....	1,788	1,807	19	1.06
Vancouver.....	1,208	1,289	81	6.71
Ventura.....	1,688	1,756	68	4.03
Visalia.....	1,553	1,573	20	1.29
Watsonville.....	1,184	1,241	57	4.81
Woodland.....				
Total.....	60,536	63,002	2,466	4.07

EXCHANGE—	Subscribers' Stations Jan. 1, 1923	Subscribers' Stations June 1, 1923	Actual gain in Stations since Jan. 1, 1923	Per cent gain since Jan. 1, 1923
GROUP No. 6— (500 stations up to 1,000)				
Ashland.....	773	797	24	3.10
Auburn, Cal.....	645	662	17	2.64
Bend.....	874	923	49	5.61
Burbank.....	660	739	79	11.97
Calexico.....	512	525	13	2.54
Coalinga.....	629	602	-27	-4.29
Colfax.....	737	730	-7	-.96
Colton.....	664	681	17	2.56
Culver City.....	403	536	133	33.00
Dayton, Wash.....	523	529	6	1.15
Dinuba.....	621	665	44	7.09
Escondido.....	524	564	40	7.63
Fillmore.....	494	508	14	2.83
Grants Pass.....	749	783	34	4.54
Grass Valley, Cal.....	665	665		
Hayward.....	832	866	34	4.09
Hollister.....	677	687	10	1.48
Inglewood.....	764	875	111	14.53
Kelso.....	485	594	109	22.47
La Jolla.....	493	512	19	3.85
Madera.....	750	764	14	1.89
Martinez.....	810	838	28	3.45
Mill Valley.....	877	920	43	4.90
Pasco.....	711	714	3	.42
Paso Robles.....	467	517	50	10.71
Raymond.....	887	906	19	2.14
Redding.....	761	850	89	11.70
San Leandro.....	918	941	23	2.51
Santa Clara.....	803	868	65	8.09
Sausalito.....	661	667	6	.91
Selma.....	681	706	25	3.67
So. San Francisco.....	655	705	50	7.63
Sparks.....	606	627	21	3.47
Ukiah.....	631	651	20	3.17
Wilmington.....	572	606	34	5.94
Winnemucca.....	419	522	103	24.58
Total.....	23,933	25,245	1,312	5.49
GROUP No. 7— (300 stations up to 500)				
Antioch.....	310	331	21	6.77
Arcata.....	460	475	15	3.26
Auburn, Wash.....	485	499	14	2.89
Avalon.....	391	401	10	2.56
Benicia.....	322	326	4	1.24
Brawley.....	452	477	25	5.53
Carson City.....	469	481	12	2.56
Chula Vista.....	329	345	16	4.86
Colville.....	342	362	20	5.85
Cottage Grove.....	313	332	19	6.07
Crockett.....	425	447	22	5.18
Dunsmuir.....	310	321	11	3.55
Fort Bragg.....	452	454	2	.44
Kent, Wash.....	447	450	3	.67
Livermore.....	341	345	4	1.17
Lovelock, Nev.....	298	301	3	1.01
Milton, Ore.....	314	315	1	.32
Milwaukie, Ore.....	293	313	20	6.83
Mountain View.....	431	472	41	9.51
National City.....	387	398	11	2.84
Nevada City.....	332	332		
Newman.....	304	316	12	3.95
Oakdale.....	310	361	51	16.45
Oak Grove.....	297	312	15	5.05
Pittsburg.....	438	461	23	5.25
Placencia.....	336	343	7	2.08
Placerville.....	397	403	6	1.51
Pomeroy.....	467	459	-8	-1.71
Renton.....	330	337	7	2.12
Rialto.....	286	301	15	5.24
Ritzville.....	357	354	-3	-.84
Sebastopol.....	317	315	-2	-.63
Sonoma.....	387	392	5	1.29
South Bend.....	389	393	4	1.03
St. Helena.....	307	332	25	8.14
St. Helens.....	309	324	15	4.85
Suisun.....	362	380	18	4.97
†Tillamook.....	277	300	23	8.30
Torrance.....	286	310	24	8.39
Tracy.....	400	446	46	11.50
Van Nuys.....	325	342	17	5.23
Yreka.....				
Total.....	15,216	15,796	580	3.70
SUMMARY				
Group No. 1.....	636,907	657,373	20,466	3.21
Group No. 2.....	74,296	77,267	2,971	4.00
Group No. 3.....	22,251	22,751	500	2.25
Group No. 4.....	62,921	66,180	3,259	5.18
Group No. 5.....	60,536	63,002	2,466	4.07
Group No. 6.....	23,933	25,245	1,312	5.49
Group No. 7.....	15,216	15,796	580	3.70
Total.....	896,060	927,614	31,554	3.52

Total owned stations January 1, 1923.....917,437
Total owned stations June 1, 1923.....951,293

Actual gain in stations since Jan. 1, 1923.. 33,856
Per cent gain in stations since Jan. 1, 1923 3.69

—Loss. †Exchange having dual system.



ON JULY 4, 1817, work was begun on the Erie Canal, near Ft. Stanwix, N. Y. The first trip between the Great Lakes and the Hudson was made on October 8, 1823. On October 4, 1825, the first flotilla of western canal boats reached New York. As originally built, the canal was 363 miles long and cost \$12,720,000. At this early date personal communication between distant points involved travel, and the development of canals was a marked advance over existing traveling facilities and thus was an important factor in bringing the various sections of the country into closer touch.

MOON'S PHASES

	Eastern Time	For Central Time deduct 1 hr.
D.	H.	M.
☾	5	8 56
☾	13	7 45
☾	20	8 32
☾	27	5 33



JULY hath 31 days

"Learning is to the studious and riches to the careful"—Poor Richard

SOME TELEPHONE COMPARISONS

Chicago has more telephones than France and Belgium together with Jugo-Slavia, and all of Central America thrown in for good measure. It has more telephones today than Denmark, The Netherlands, Italy, Rumania and Greece combined.

The number of telephones in Atlanta is about equal to the combined number in the countries of Bulgaria, Luxemburg, Portugal and Peru.

Washington, D. C., has more telephones than Belgium and Egypt combined.

Omaha, Neb., has more telephones than Chile, Peru and Venezuela combined.

Philadelphia has as many telephones as Italy, Belgium, Central America and Jugo-Slavia combined.

New Haven has more telephones than Rumania.

All Bell System Telephones placed side by side would reach around Lakes Erie and Ontario.

The total cost of telephone properties of the Bell System in 1922 was over \$1,700,000,000.



The Bell underground system consists of more than 300,000,000 feet of conduit. This would go through the center of the earth more than seven times from pole to pole.

American Telephone stock is listed on the stock exchanges of New York, Boston, Chicago, Philadelphia, and Washington. There is always a ready market for the stock.

- 1—Su.—Elephant Butte Dam, New Mexico, begun, 1910, completed, 1916. *Columbus Dispatch*, first issue, 1871. *Memphis Commercial and Appeal*, consolidated, 1894.
- 2—M.—Morrill Land Grant Act signed, which created State Universities and Agricultural Colleges, 1862.
- 3—Tu.—Wisconsin separated from Michigan Territory, 1836. Idaho admitted to the Union, 1890.
- 4—W.—INDEPENDENCE DAY. Ohio Canal, from Lake Erie to Ohio River, begun, 1825. Grand Island, Neb., first settled, 1857. *Indiana Gazette*, state's first newspaper, first issue, 1804. First street car in St. Louis, 1859.
- 5—Th.—Kansas Constitution framed at Wyandotte Convention, 1859. { Don't Write, Talk }
- 6—Fr.—First steamboat on Kanawha River reaches Charleston, W. Va., 1823.
- 7—Sa.—Cornerstone Roman Catholic Cathedral, Baltimore, laid, 1806. Wisconsin Telephone Co. organized, 1882.
- 8—Su.—A. T. & T. Co. stockholders are in every state in the Union.
- 9—M.—First Military Telegraph line completed, Santa Fe to Fort Leavenworth, 1869.
- 10—Tu.—*Chicago Tribune*, first issue, 1847.
- 11—W.—Over 36,000,000 miles of telephone wire in the U. S.
- 12—Th.—Bergen, Essex and Hudson Counties, N. J., bought from Indians, 1630.
- 13—Fr.—"Ordinance of 1787", for government of Northwest Territory, passed, 1787.
- 14—Sa.—World's Fair, Crystal Palace, N. Y. City, opened, 1853.
- 15—Su.—404th Telegraph Battalion (N. Y. Tel. Co.) sailed for France, 1918. 131st Quarterly Dividend of the Amer. Tel. and Tel. Co. (and predecessors), 1922.
- 16—M.—District of Columbia organized, 1790.
- 17—Tu.—First news of discovery of gold in Alaska brought by S.S. *Portland* to Seattle, 1897.
- 18—W.—Western Electric Company reorganized, 1881.
- 19—Th.—*American Telephone & Telegraph Stock* now pays 9% a year.
- 20—Fr.—Bell Telephone Company of New York, later New York Telephone Company, organized, 1878. { Your Voice is YOU }
- 21—Sa.—*Buffalo Courier-Enquirer*, first issue, 1831.
- 22—Su.—Cleveland, O., founded, 1796.
- 23—M.—The majority of Am. Tel. & Tel. stockholders are women.
- 24—Tu.—*Boston Transcript*, first issue, 1830.
- 25—W.—Capital of Wyoming Territory est. at Cheyenne, 1868.
- 26—Th.—New York ratified the U. S. Constitution, 1788. Washington County, first in Ohio, formed, 1788.
- 27—Fr.—Ground broken for Mohawk and Hudson R.R., 1830.
- 28—Sa.—Laying of present Transatlantic Cable, completed, 1866.
- 29—Su.—*Pittsburgh Gazette*, first issue, 1786.
- 30—M.—First representative American Legislative Assembly met at Jamestown, Virginia, 1619.
- 31—Tu.—First Cleveland, O., newspaper, *Gazette & Commercial Register*, started, 1818. United States Government took over all telephone and telegraph lines, 1918.

Vacation

Remember the long distance telephone in your vacation plans.

It will add to the pleasure and comfort of your holiday.

It will serve your convenience in securing information and making arrangements.

At lake or shore, in the mountains or by the stream, long distance telephone service means that you are always in touch with home and business.

Every Bell telephone is a Long Distance station.



The Pacific Telephone And Telegraph Company

